

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092123\
 Data File : VW027167.D
 Acq On : 21 Sep 2023 17:21
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 22 00:54:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 00:52:03 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	468539	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	461748	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	247643	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	301637	40.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 160.040%#	
7) Chloroethane-d5	2.899	69	244145	41.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 167.760%#	
11) 1,1-Dichloroethene-d2	4.027	65	93510	28.932	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 115.720%#	
21) 2-Butanone-d5	7.081	46	97013	69.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 139.000%#	
24) Chloroform-d	7.648	84	429703	30.527	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 122.120%	
26) 1,2-Dichloroethane-d4	8.307	65	229351	33.392	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 133.560%#	
32) Benzene-d6	8.270	84	858035	28.774	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 115.080%	
36) 1,2-Dichloropropane-d6	9.270	67	262876	31.155	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 124.600%#	
41) Toluene-d8	10.319	98	752383	28.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.400%	
43) trans-1,3-Dichloroprop...	10.575	79	98985	29.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 116.120%	
47) 2-Hexanone-d5	10.922	63	64731	63.665	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 127.340%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	210783	31.177	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 124.720%#	
66) 1,2-Dichlorobenzene-d4	13.849	152	228303	25.815	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	106126	19.912	ug/L	# 77
3) Chloromethane	2.223	50	299668	52.398	ug/L	99
5) Vinyl chloride	2.375	62	330704	42.497	ug/L	99
6) Bromomethane	2.790	94	190447	35.241	ug/L	96
8) Chloroethane	2.930	64	204557	45.077	ug/L	98
9) Trichlorofluoromethane	3.265	101	172260	28.506	ug/L	100
12) 1,1-Dichloroethene	4.045	96	177204	25.933	ug/L	85
13) Acetone	4.131	43	89803	68.098	ug/L	88
14) Carbon disulfide	4.393	76	607479	26.668	ug/L	99
16) Methylene chloride	4.917	84	246027	27.600	ug/L	87
17) trans-1,2-Dichloroethene	5.423	96	192988	26.026	ug/L	83
18) Methyl tert-butyl Ether	5.429	73	278973	28.314	ug/L	# 91
19) 1,1-Dichloroethane	6.216	63	408405	31.407	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	211567	27.127	ug/L	85
22) 2-Butanone	7.173	43	124288	69.770	ug/L	87
23) Bromochloromethane	7.520	128	89066	24.805	ug/L	# 77
25) Chloroform	7.679	83	397579	29.770	ug/L	99
27) 1,2-Dichloroethane	8.398	62	277572	34.299	ug/L	96
29) Cyclohexane	7.959	56	341239	30.875	ug/L	91

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 Response via : Initial Calibration

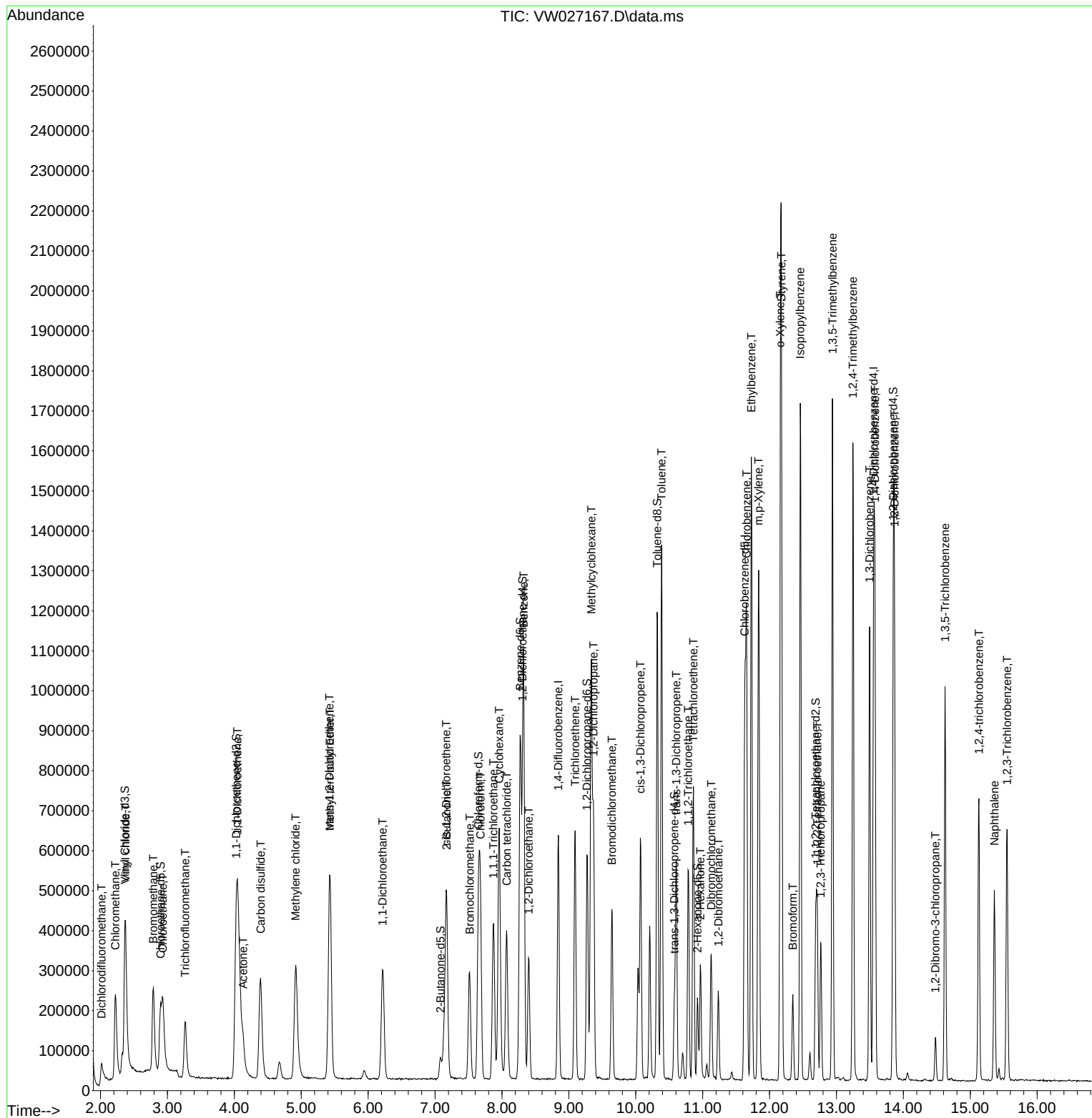
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.874	97	307378	28.167	ug/L #	92
31) Carbon tetrachloride	8.069	117	268842	27.800	ug/L	98
33) Benzene	8.325	78	896625	29.400	ug/L	100
34) Trichloroethene	9.093	95	220480	27.356	ug/L	90
35) Methylcyclohexane	9.337	83	389460	28.329	ug/L	90
37) 1,2-Dichloropropane	9.368	63	239748	31.655	ug/L	97
38) Bromodichloromethane	9.642	83	283400	30.598	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	333023	29.354	ug/L	97
42) Toluene	10.386	91	954696	29.625	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	285504	29.987	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	160674	27.571	ug/L	97
46) Tetrachloroethene	10.861	164	150334	22.130	ug/L	85
48) 2-Hexanone	10.965	43	183968	75.103	ug/L #	86
49) Dibromochloromethane	11.130	129	160087	26.250	ug/L	99
50) 1,2-Dibromoethane	11.233	107	144551	27.028	ug/L	99
51) Chlorobenzene	11.654	112	558548	26.263	ug/L #	87
52) Ethylbenzene	11.727	91	1039497	29.410	ug/L	94
53) m,p-Xylene	11.837	106	374926	27.660	ug/L	81
54) o-Xylene	12.160	106	355177	27.506	ug/L	89
55) Styrene	12.178	104	622394	28.130	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.715	83	204069	29.888	ug/L	97
59) Bromoform	12.349	173	86747	24.180	ug/L	94
60) Isopropylbenzene	12.459	105	983595	29.646	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	143492	31.068	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	804472	30.298	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	790319	30.720	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	406716	25.923	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	413640	25.367	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	376657	26.266	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	31367	30.668	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.623	180	267315	23.669	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	209477	23.403	ug/L	95
71) Naphthalene	15.360	128	367629	24.690	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	186497	23.080	ug/L	97

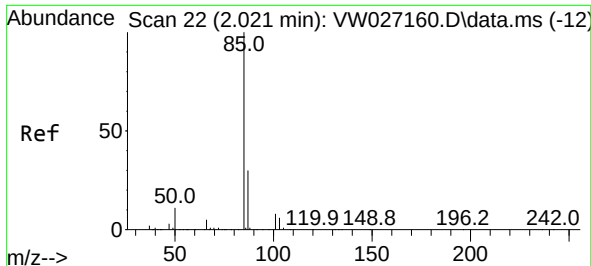
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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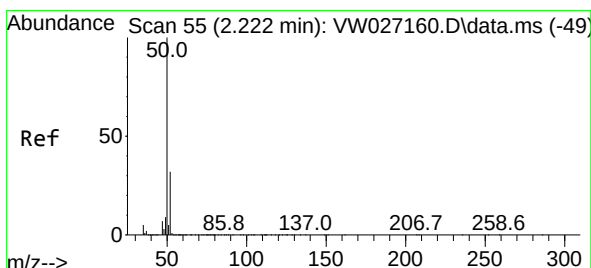
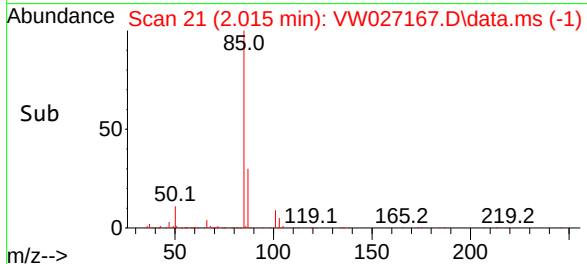
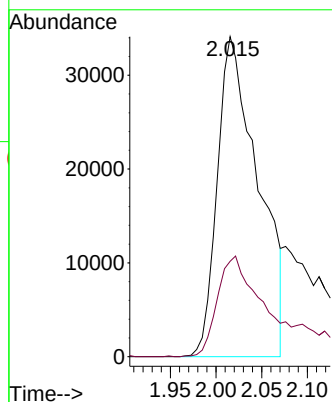
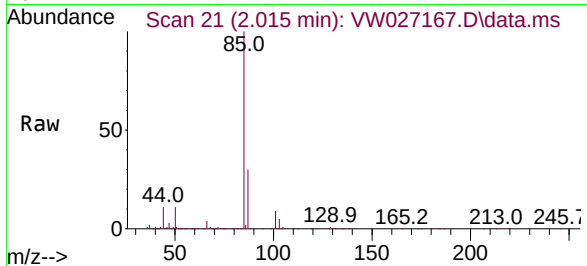




#2
 Dichlorodifluoromethane
 Concen: 19.912 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW027167.D
 Acq: 21 Sep 2023 17:21

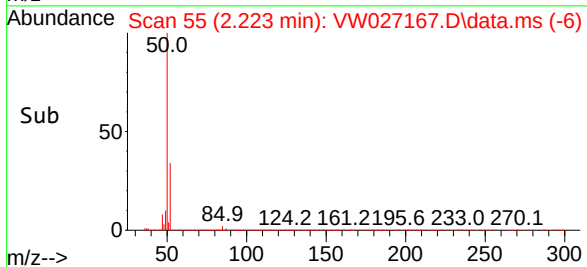
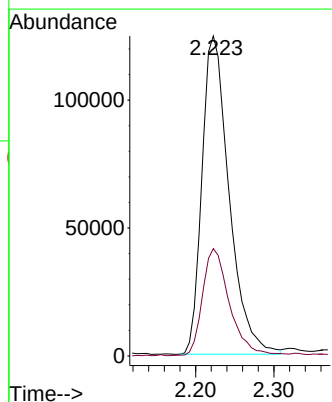
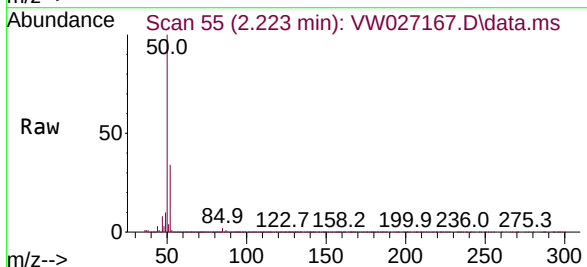
Instrument :
 MSVOA_W
 ClientSampleId :

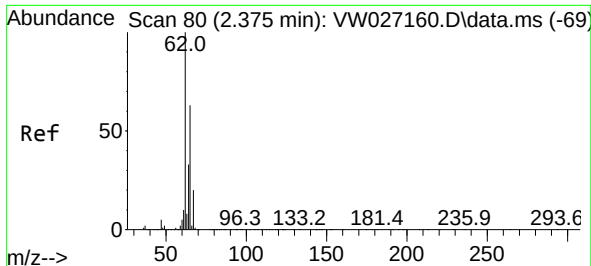
Tgt Ion: 85 Resp: 106126
 Ion Ratio Lower Upper
 85 100
 87 34.4 18.5 27.7#



#3
 Chloromethane
 Concen: 52.398 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027167.D
 Acq: 21 Sep 2023 17:21

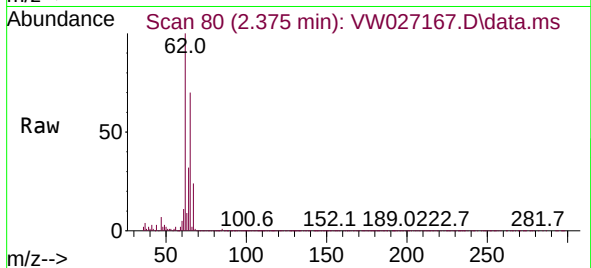
Tgt Ion: 50 Resp: 299668
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.8 44.2



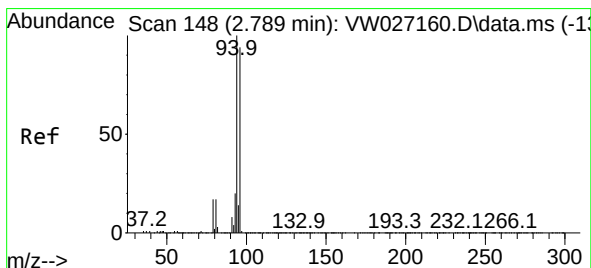
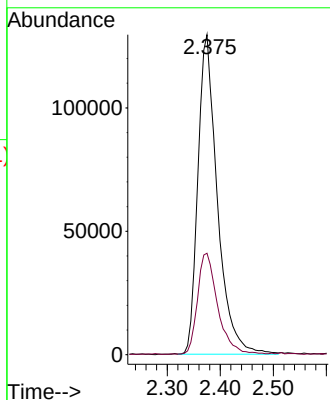
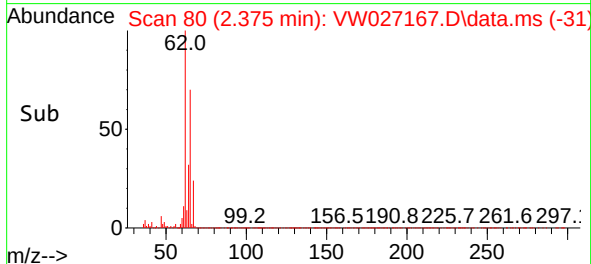


#5
 Vinyl chloride
 Concen: 42.497 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027167.D
 Acq: 21 Sep 2023 17:21

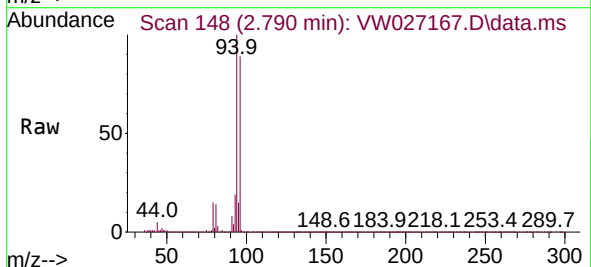
Instrument :
 MSVOA_W
 ClientSampleId :



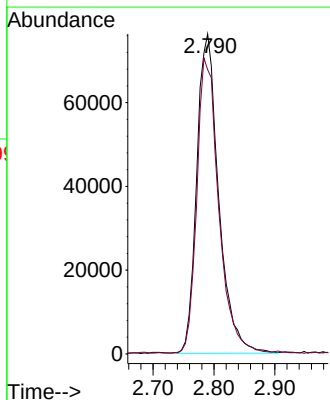
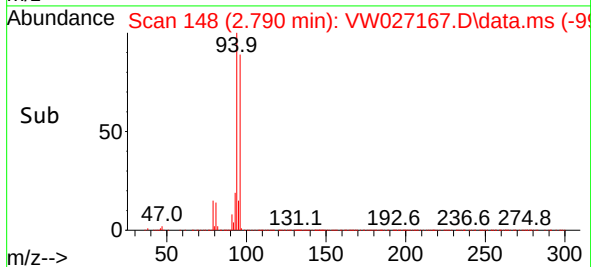
Tgt Ion: 62 Resp: 330704
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.5 41.7

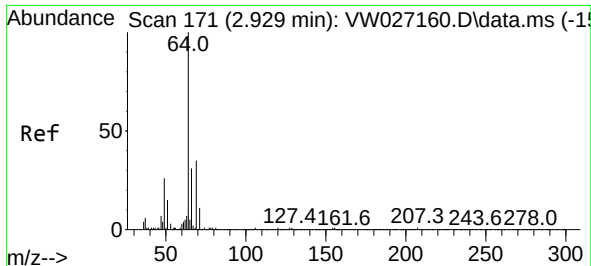


#6
 Bromomethane
 Concen: 35.241 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027167.D
 Acq: 21 Sep 2023 17:21



Tgt Ion: 94 Resp: 190447
 Ion Ratio Lower Upper
 94 100
 96 88.8 65.0 120.8





#8

Chloroethane

Concen: 45.077 ug/L

RT: 2.930 min Scan# 171

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

Instrument :

MSVOA_W

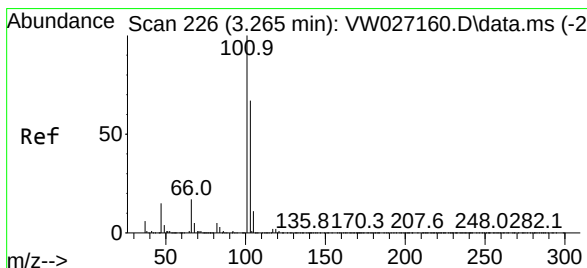
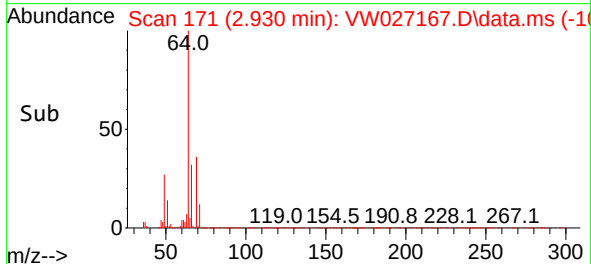
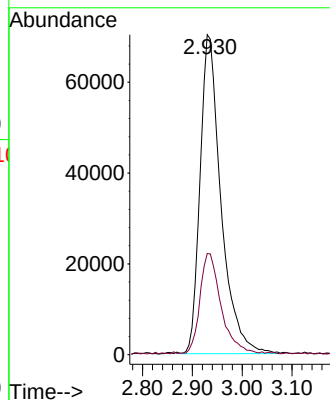
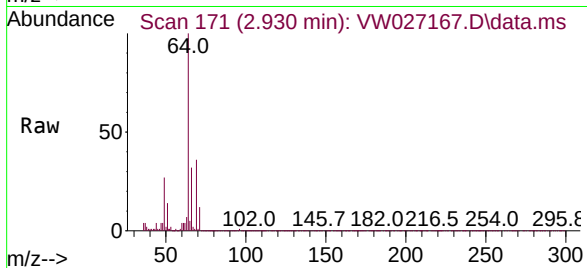
ClientSampleId :

Tgt Ion: 64 Resp: 204557

Ion Ratio Lower Upper

64 100

66 31.6 21.3 39.6



#9

Trichlorofluoromethane

Concen: 28.506 ug/L

RT: 3.265 min Scan# 226

Delta R.T. 0.000 min

Lab File: VW027167.D

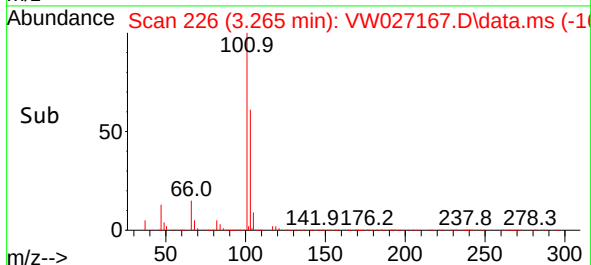
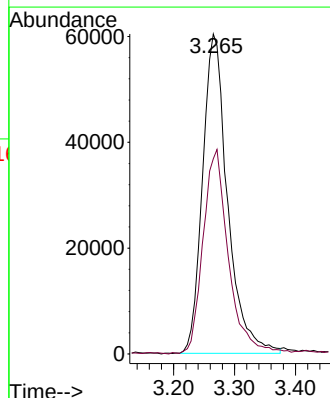
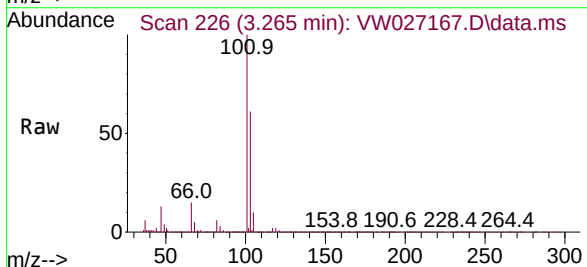
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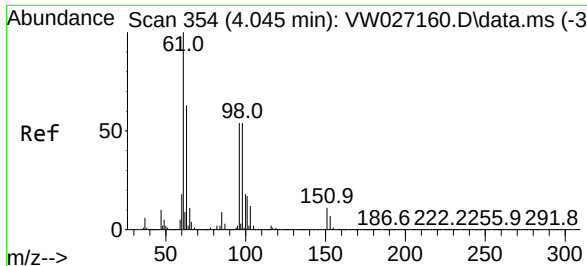
Tgt Ion: 101 Resp: 172260

Ion Ratio Lower Upper

101 100

103 63.7 50.9 76.3

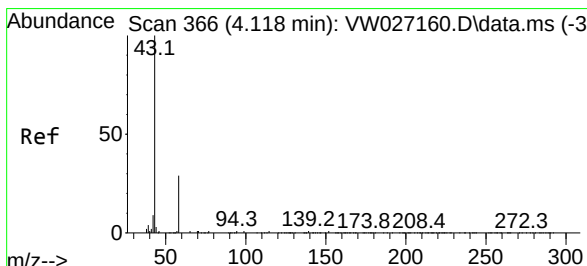
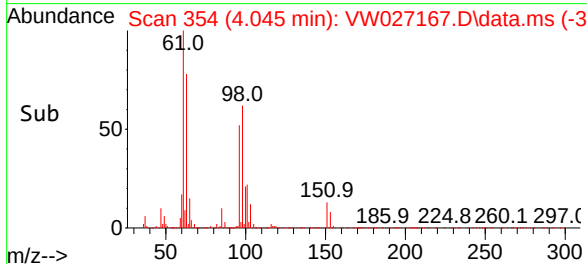
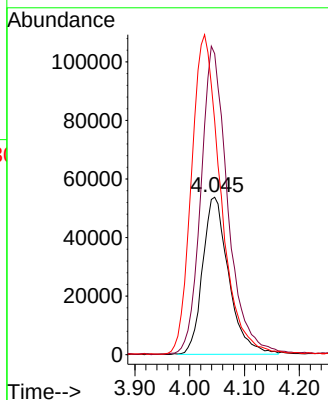
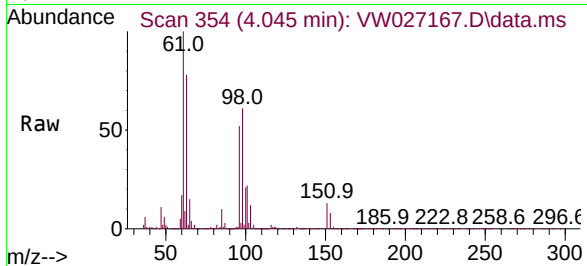




#12
1,1-Dichloroethene
Concen: 25.933 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

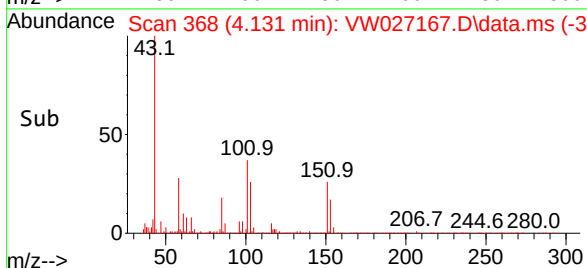
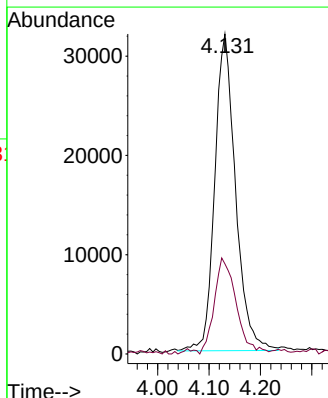
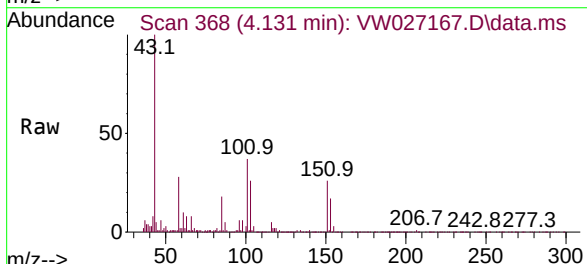
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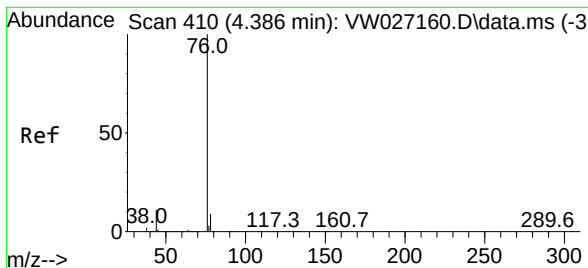
Tgt Ion: 96 Resp: 177204
Ion Ratio Lower Upper
96 100
61 191.2 112.5 208.9
63 148.4 99.4 184.6



#13
Acetone
Concen: 68.098 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.013 min
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Tgt Ion: 43 Resp: 89803
Ion Ratio Lower Upper
43 100
58 31.2 0.0 77.4





#14

Carbon disulfide

Concen: 26.668 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW027167.D

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Instrument :

MSVOA_W

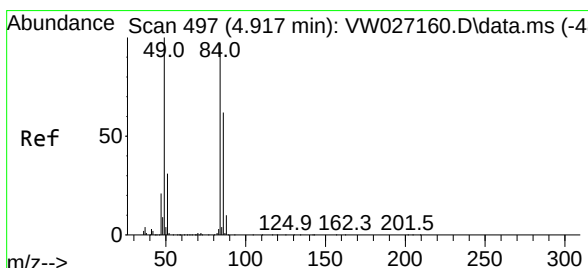
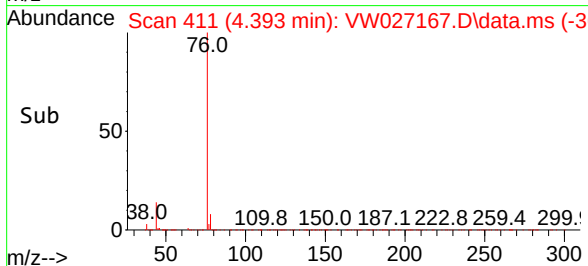
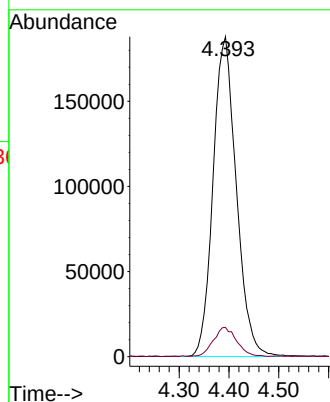
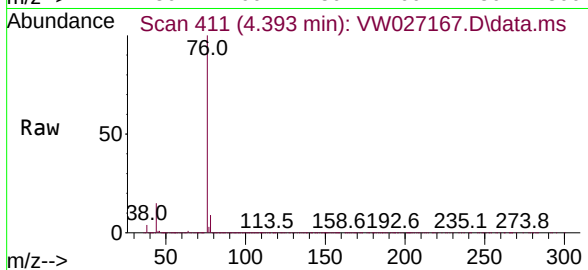
ClientSampleId :

Tgt Ion: 76 Resp: 607479

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



#16

Methylene chloride

Concen: 27.600 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW027167.D

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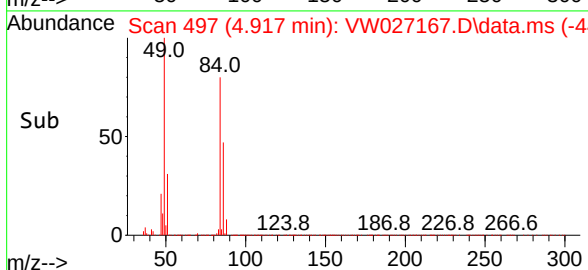
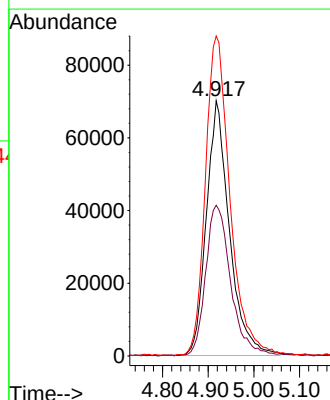
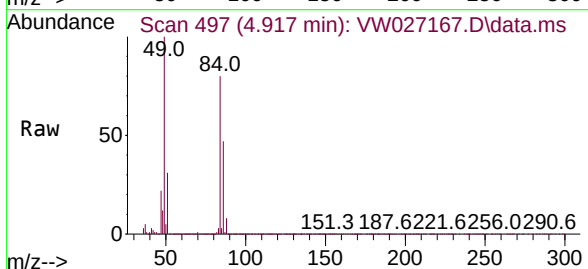
Tgt Ion: 84 Resp: 246027

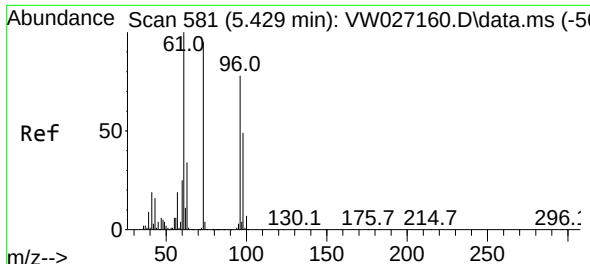
Ion Ratio Lower Upper

84 100

86 59.1 46.7 86.7

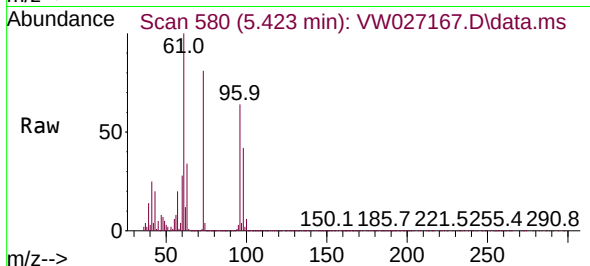
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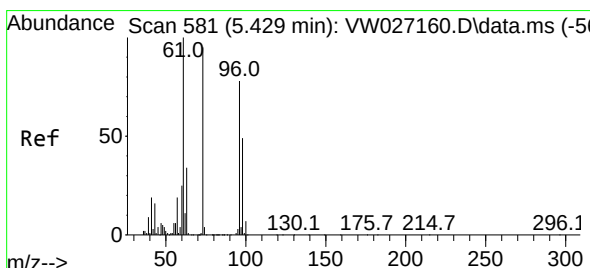
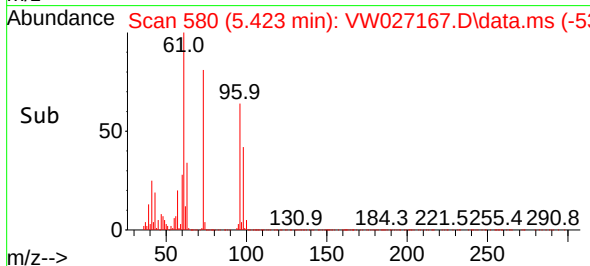
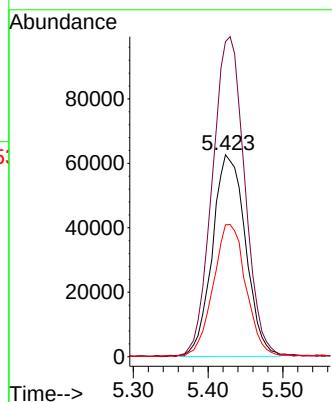


#17
trans-1,2-Dichloroethene
Concen: 26.026 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

Instrument :
MSVOA_W
ClientSampleId :

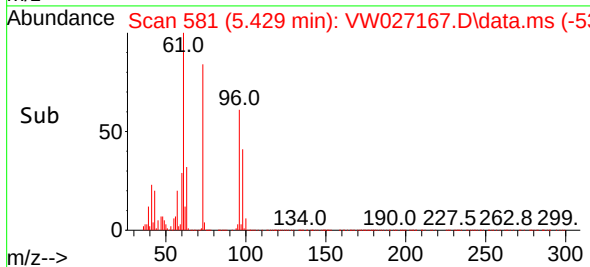
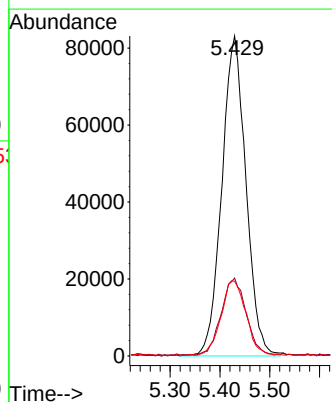
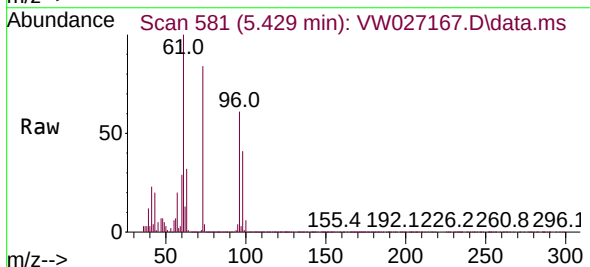


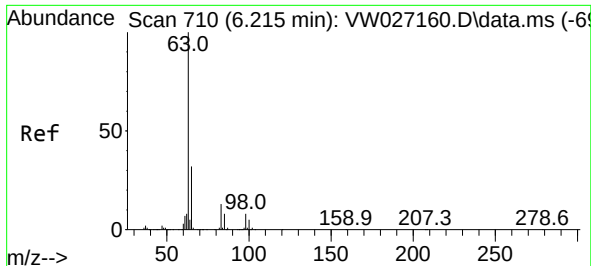
Tgt Ion: 96 Resp: 192988
Ion Ratio Lower Upper
96 100
61 155.9 91.2 169.4
98 65.3 42.8 79.4



#18
Methyl tert-butyl Ether
Concen: 28.314 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

Tgt Ion: 73 Resp: 278973
Ion Ratio Lower Upper
73 100
43 24.8 15.2 22.8#
57 24.3 17.6 26.4





#19

1,1-Dichloroethane

Concen: 31.407 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

Instrument :

MSVOA_W

ClientSampleId :

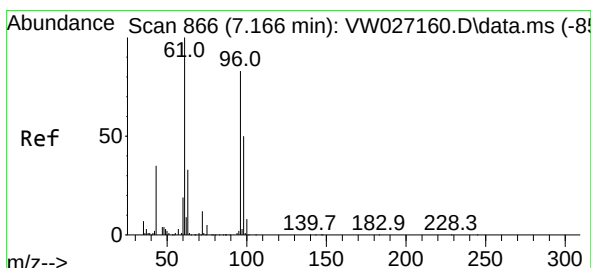
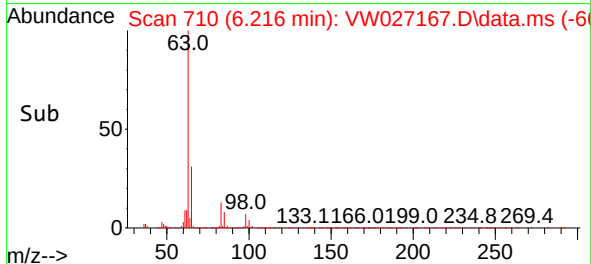
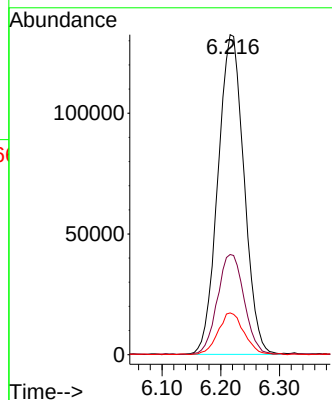
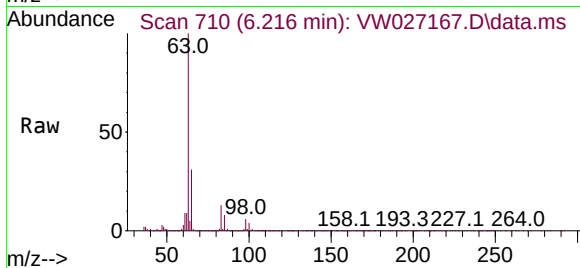
Tgt Ion: 63 Resp: 408405

Ion Ratio Lower Upper

63 100

65 31.3 22.6 42.0

83 13.0 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 27.127 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

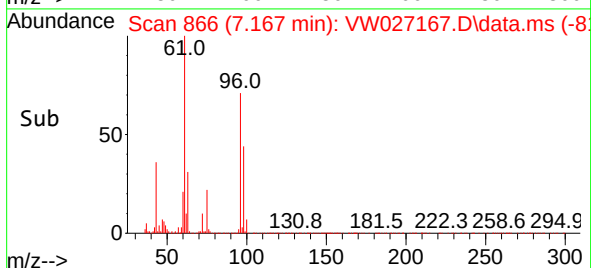
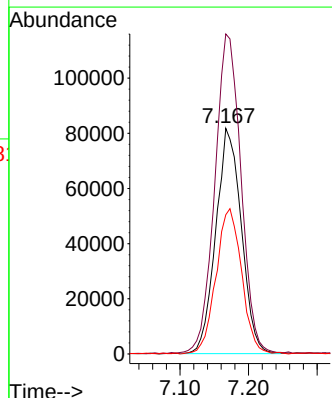
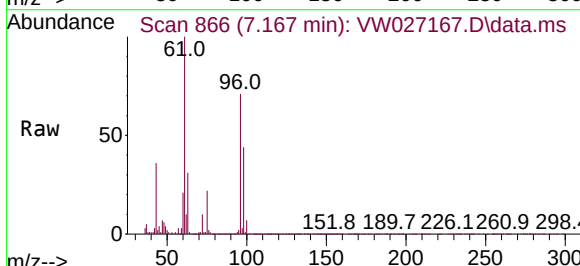
Tgt Ion: 96 Resp: 211567

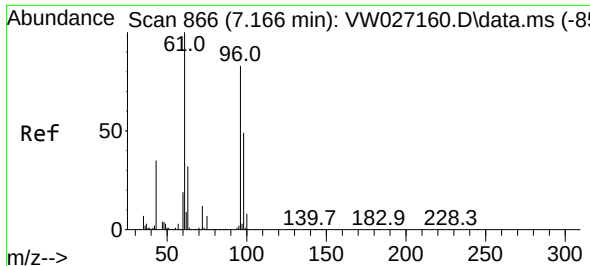
Ion Ratio Lower Upper

96 100

61 141.8 83.0 154.1

98 61.7 44.6 82.8

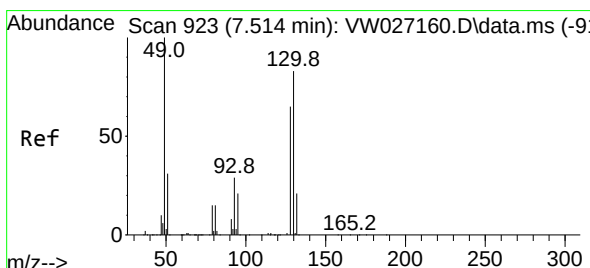
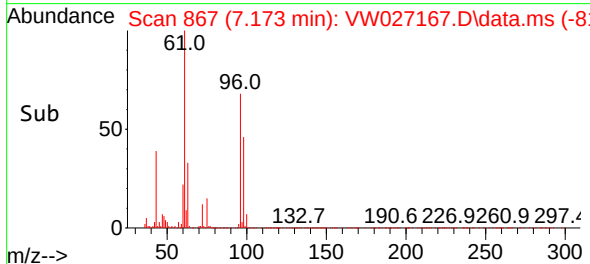
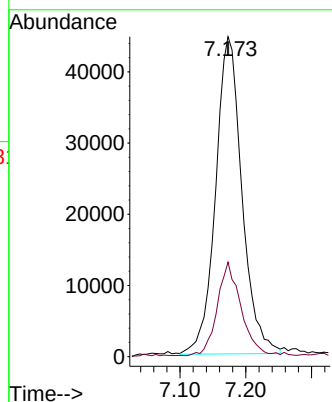
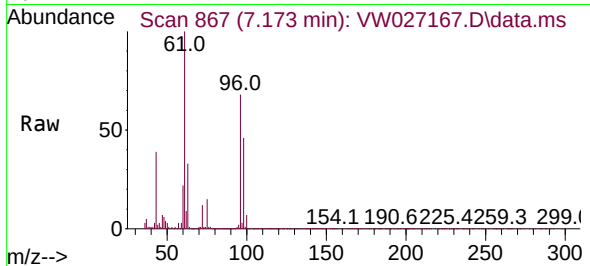




#22
2-Butanone
Concen: 69.770 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

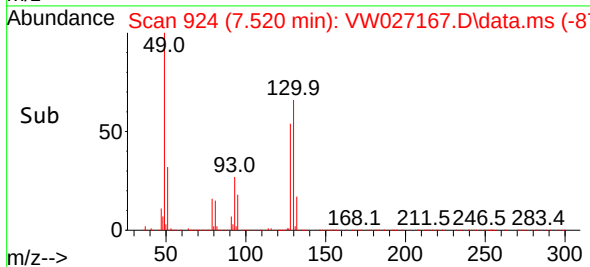
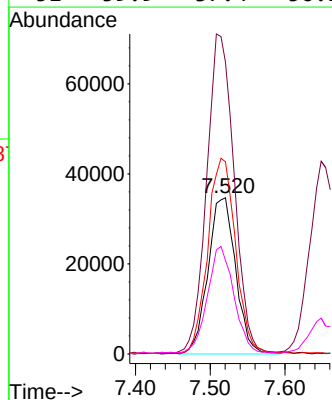
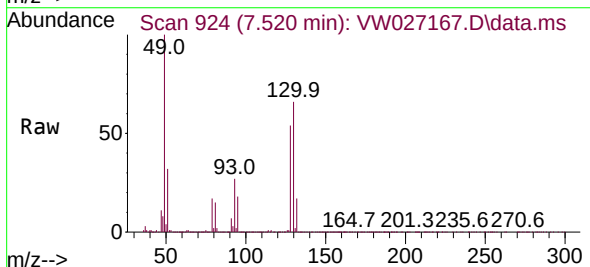
Instrument :
MSVOA_W
ClientSampleId :

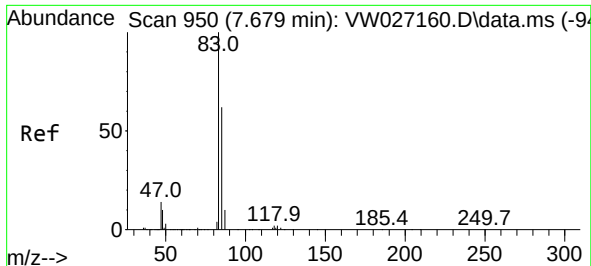
Tgt Ion: 43 Resp: 124288
Ion Ratio Lower Upper
43 100
72 26.3 16.8 50.4



#23
Bromochloromethane
Concen: 24.805 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

Tgt Ion: 128 Resp: 89066
Ion Ratio Lower Upper
128 100
49 186.9 97.6 181.2#
130 123.1 92.8 172.4
51 59.9 37.4 56.2#

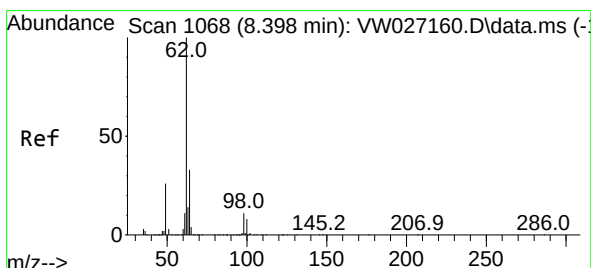
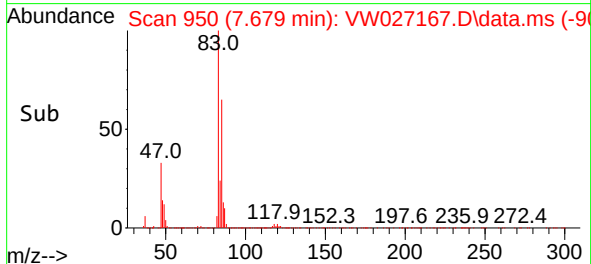
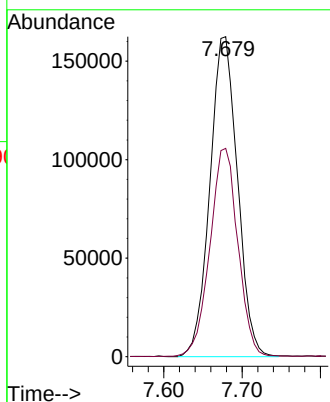
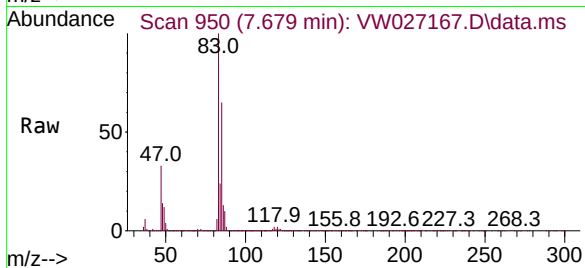




#25
Chloroform
Concen: 29.770 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

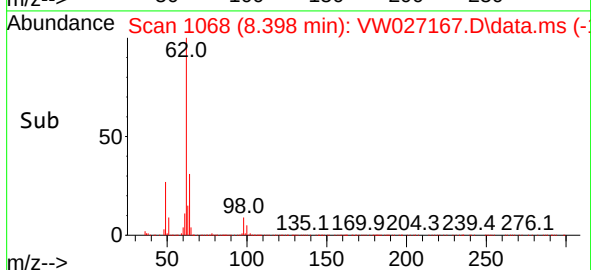
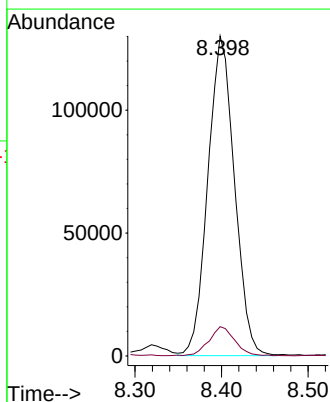
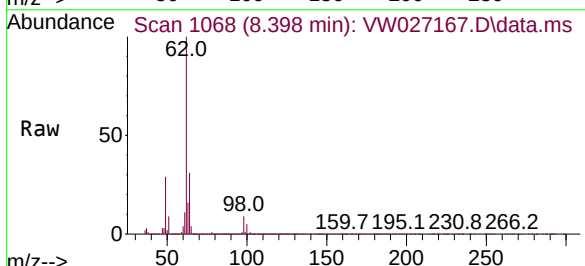
Instrument :
MSVOA_W
ClientSampleId :

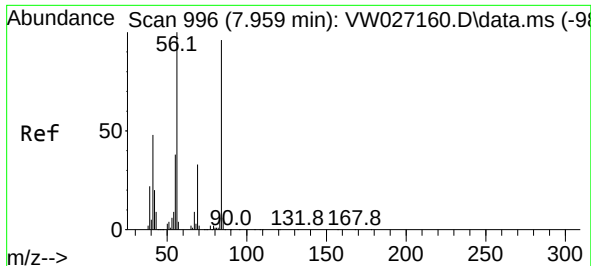
Tgt Ion: 83 Resp: 397579
Ion Ratio Lower Upper
83 100
85 65.1 44.9 83.5



#27
1,2-Dichloroethane
Concen: 34.299 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

Tgt Ion: 62 Resp: 277572
Ion Ratio Lower Upper
62 100
98 9.2 8.4 12.6





#29

Cyclohexane

Concen: 30.875 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

Instrument :

MSVOA_W

ClientSampleId :

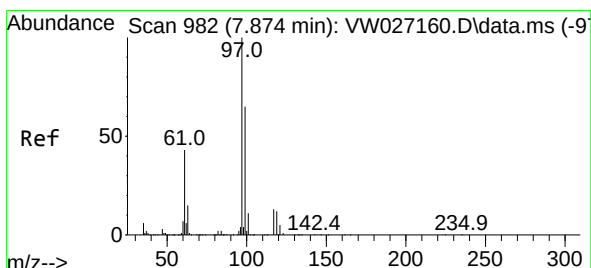
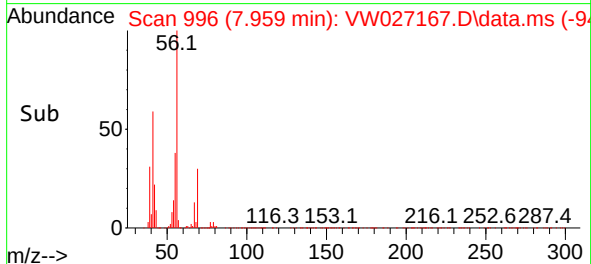
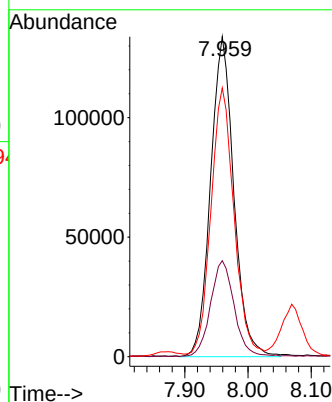
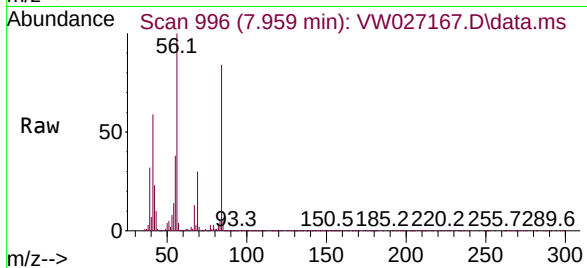
Tgt Ion: 56 Resp: 341239

Ion Ratio Lower Upper

56 100

69 30.3 26.5 39.7

84 83.5 74.4 111.6



#30

1,1,1-Trichloroethane

Concen: 28.167 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

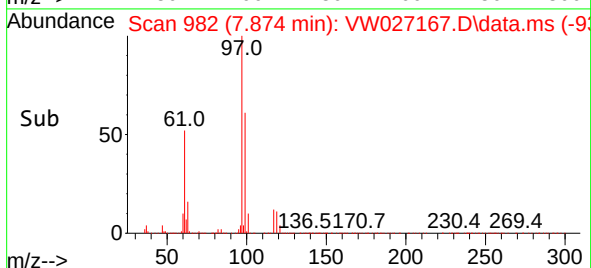
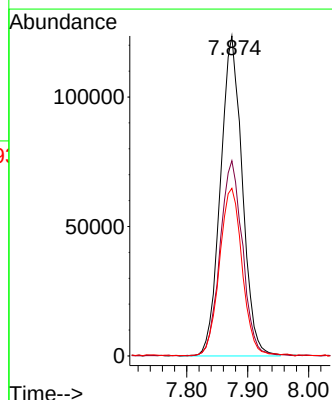
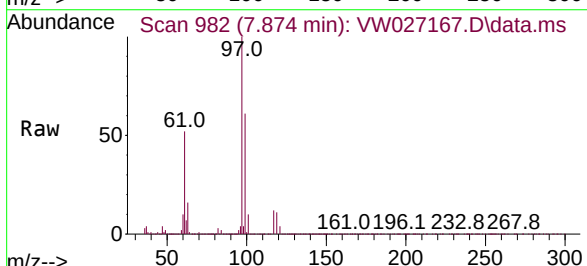
Tgt Ion: 97 Resp: 307378

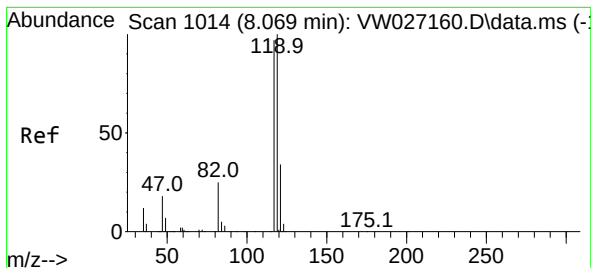
Ion Ratio Lower Upper

97 100

99 62.7 50.6 75.8

61 54.4 34.1 51.1#





#31

Carbon tetrachloride

Concen: 27.800 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

Instrument :

MSVOA_W

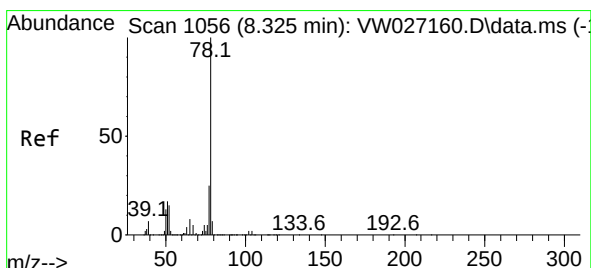
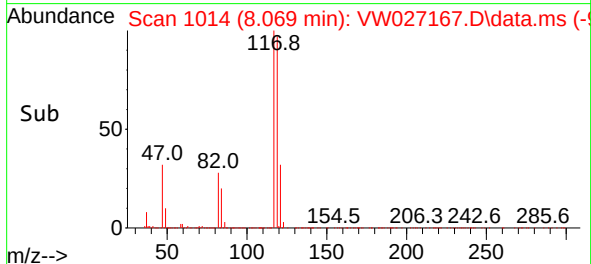
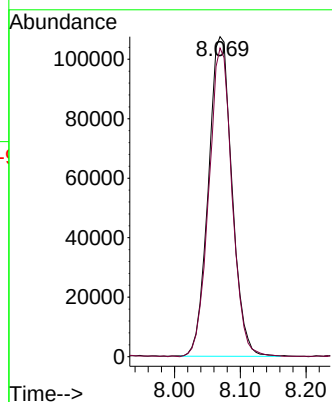
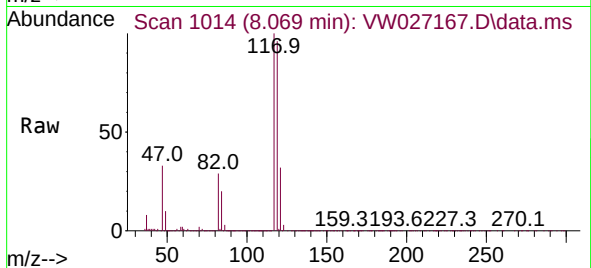
ClientSampleId :

Tgt Ion:117 Resp: 268842

Ion Ratio Lower Upper

117 100

119 95.0 77.4 116.0



#33

Benzene

Concen: 29.400 ug/L

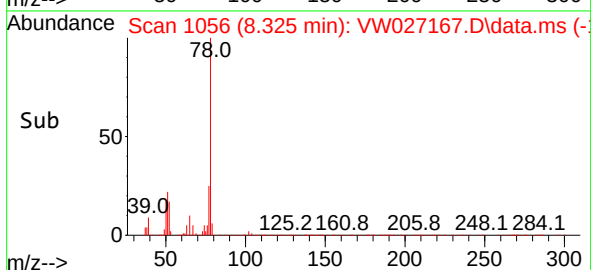
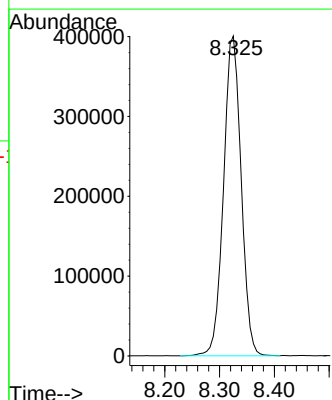
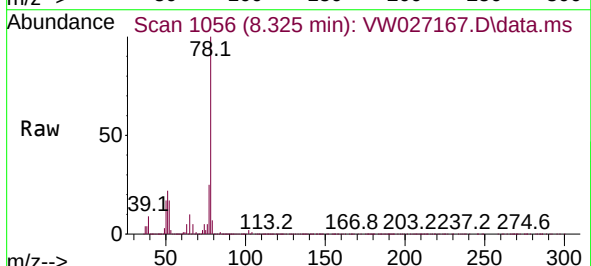
RT: 8.325 min Scan# 1056

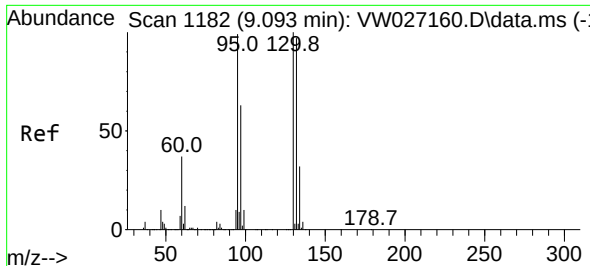
Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

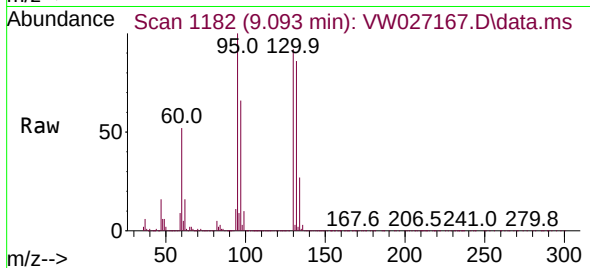
Tgt Ion: 78 Resp: 896625



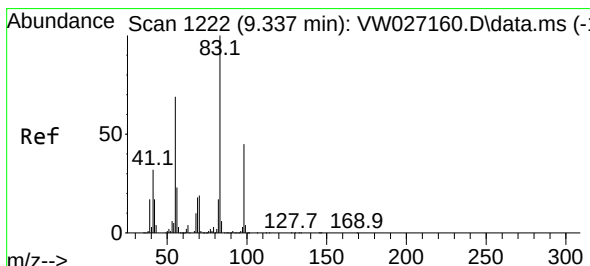
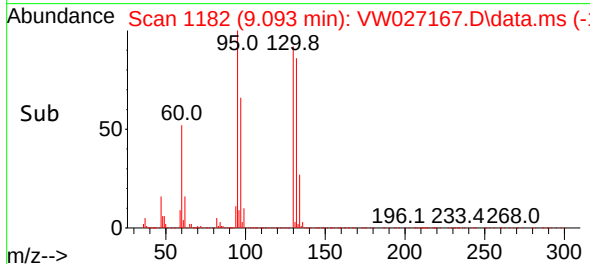
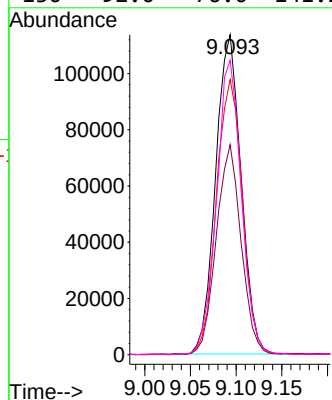


#34
Trichloroethene
Concen: 27.356 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

Instrument :
MSVOA_W
ClientSampleId :

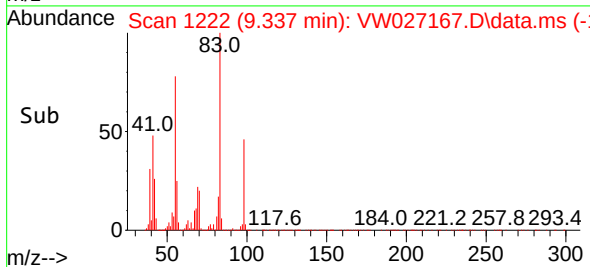
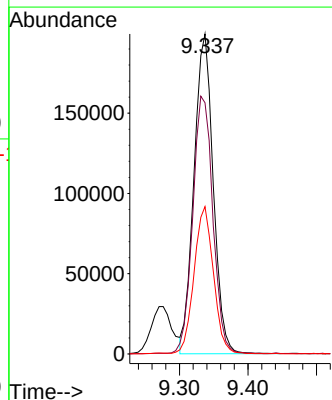
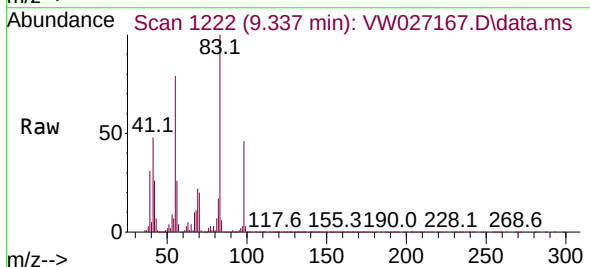


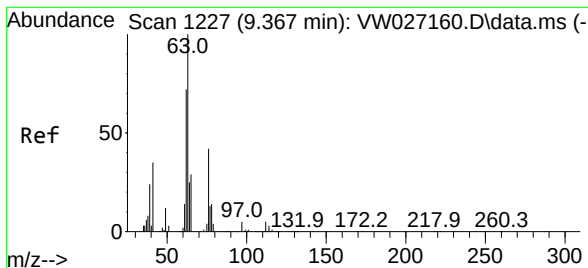
Tgt Ion: 95 Resp: 220480
Ion Ratio Lower Upper
95 100
97 65.6 46.1 85.7
132 86.0 67.9 126.1
130 92.0 76.0 141.2



#35
Methylcyclohexane
Concen: 28.329 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

Tgt Ion: 83 Resp: 389460
Ion Ratio Lower Upper
83 100
55 84.3 58.0 87.0
98 46.3 38.5 57.7





#37

1,2-Dichloropropane

Concen: 31.655 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

Instrument :

MSVOA_W

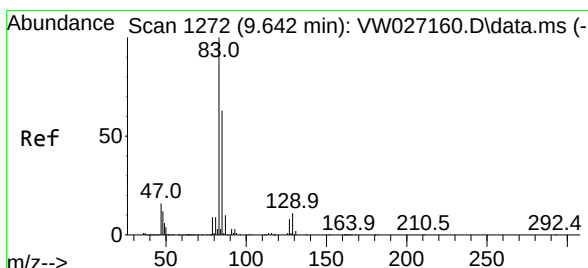
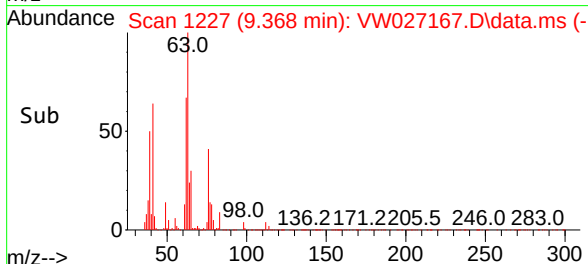
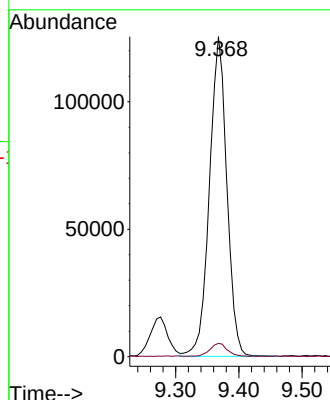
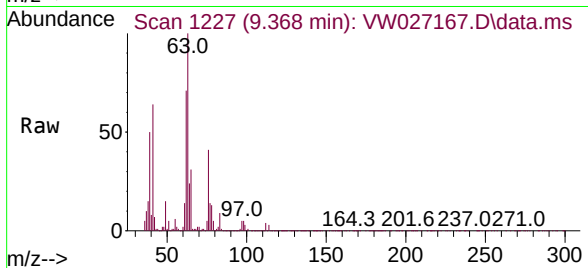
ClientSampleId :

Tgt Ion: 63 Resp: 239748

Ion Ratio Lower Upper

63 100

112 3.9 3.9 5.9



#38

Bromodichloromethane

Concen: 30.598 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

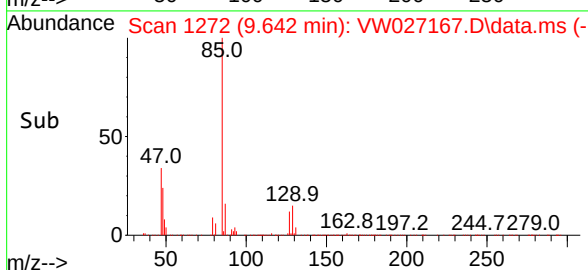
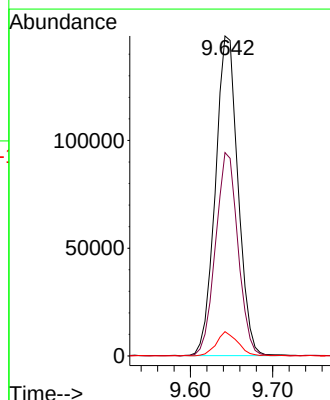
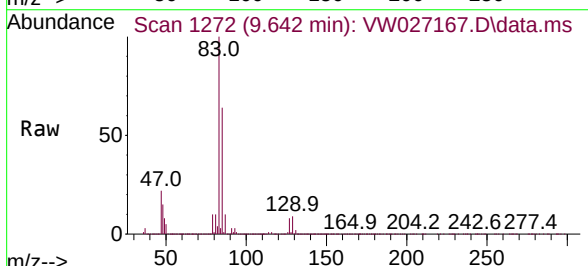
Tgt Ion: 83 Resp: 283400

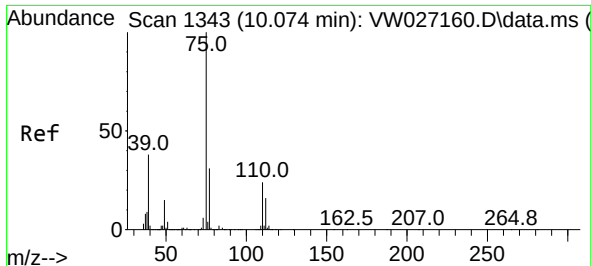
Ion Ratio Lower Upper

83 100

85 63.5 42.8 79.4

127 7.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 29.354 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

Instrument :

MSVOA_W

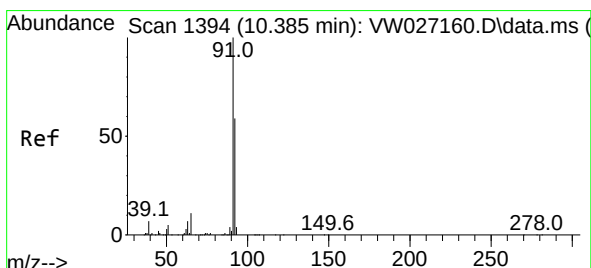
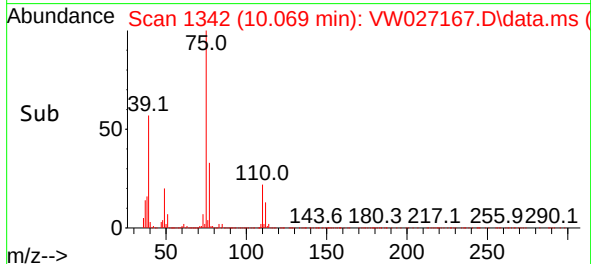
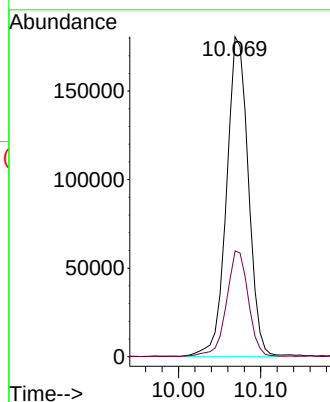
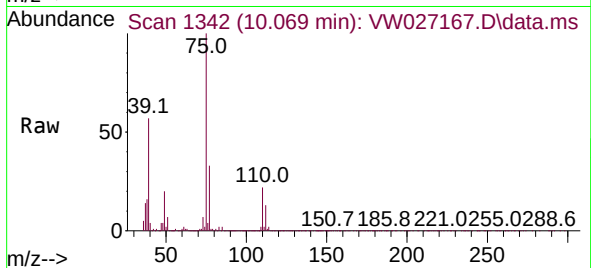
ClientSampleId :

Tgt Ion: 75 Resp: 333023

Ion Ratio Lower Upper

75 100

77 33.0 22.0 40.8



#42

Toluene

Concen: 29.625 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027167.D

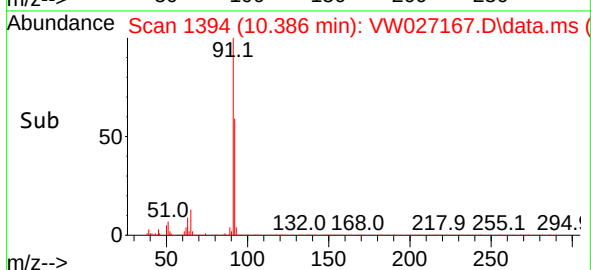
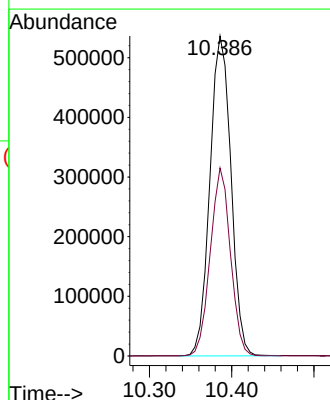
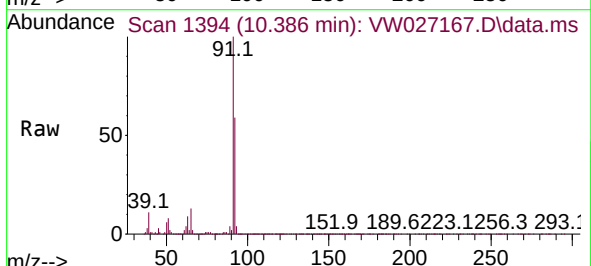
Acq: 21 Sep 2023 17:21

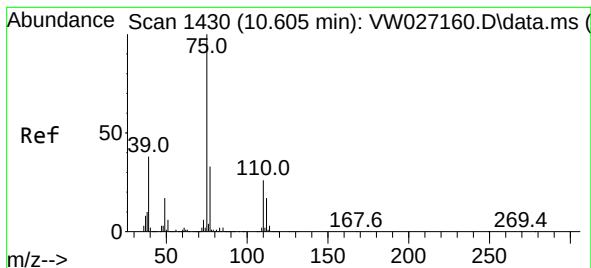
Tgt Ion: 91 Resp: 954696

Ion Ratio Lower Upper

91 100

92 58.8 42.7 79.3





#44

trans-1,3-Dichloropropene

Concen: 29.987 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

Instrument :

MSVOA_W

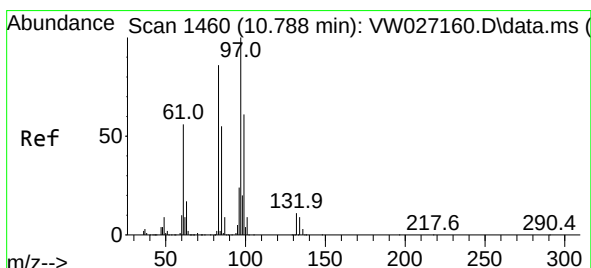
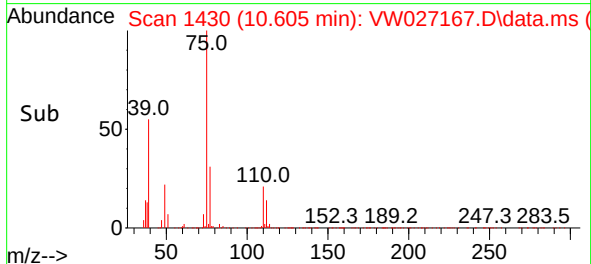
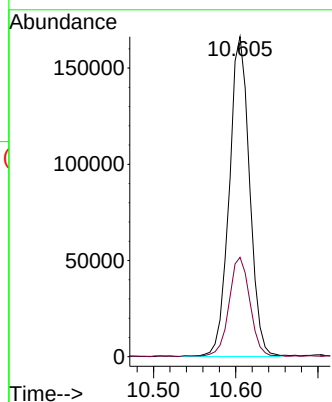
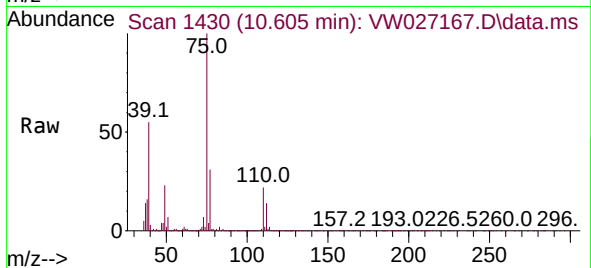
ClientSampleId :

Tgt Ion: 75 Resp: 285504

Ion Ratio Lower Upper

75 100

77 31.1 22.6 42.0



#45

1,1,2-Trichloroethane

Concen: 27.571 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

Tgt Ion: 97 Resp: 160674

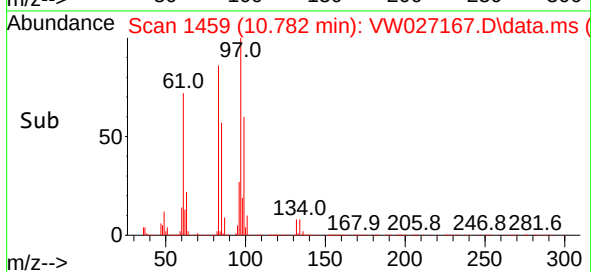
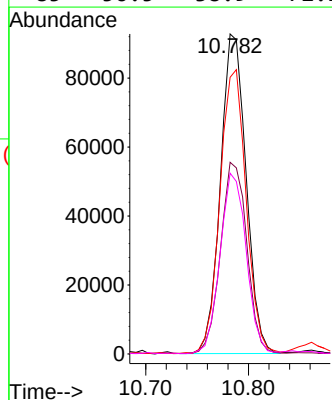
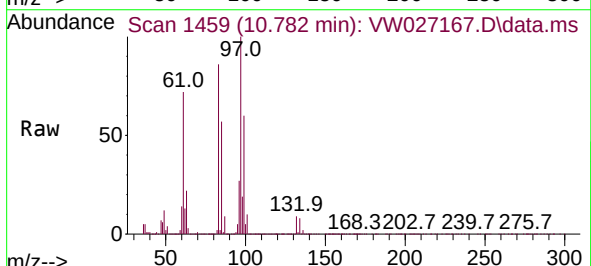
Ion Ratio Lower Upper

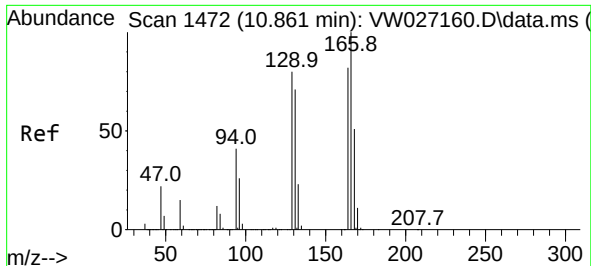
97 100

99 59.9 43.3 80.5

83 86.4 58.0 107.8

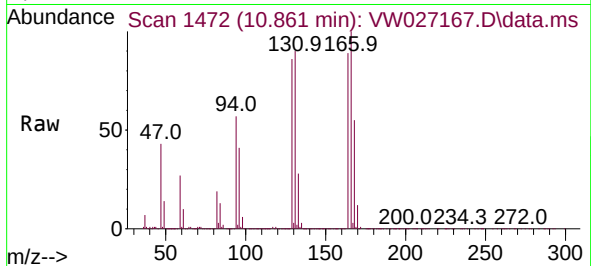
85 56.5 38.9 72.2



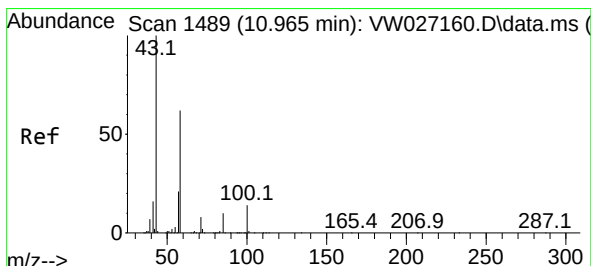
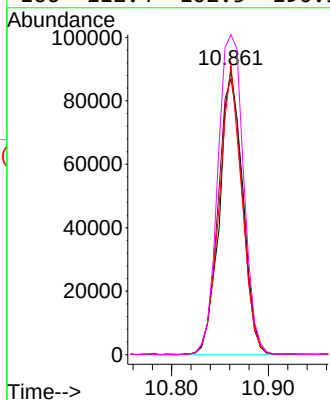
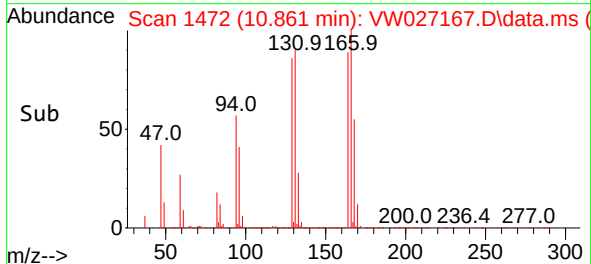


#46
Tetrachloroethene
Concen: 22.130 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

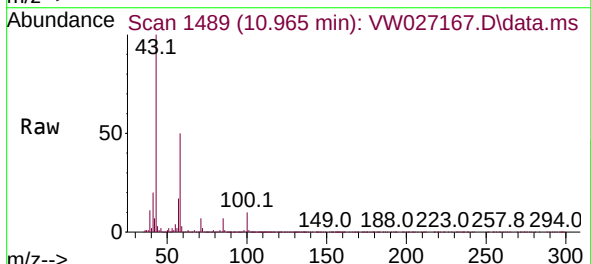
Instrument :
MSVOA_W
ClientSampleId :



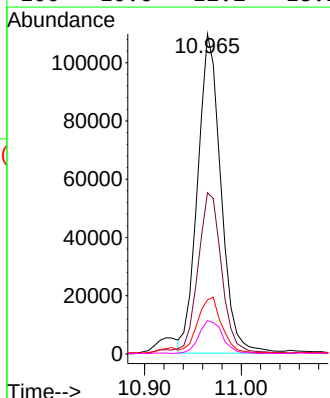
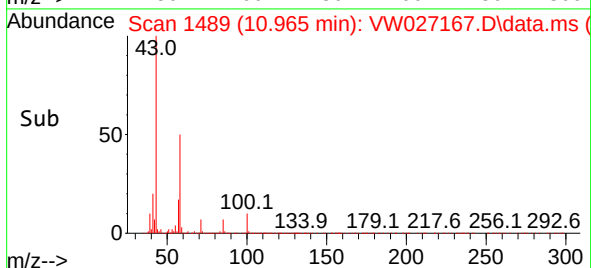
Tgt Ion:164 Resp: 150334
Ion Ratio Lower Upper
164 100
129 96.8 72.9 135.3
131 101.5 68.7 127.7
166 112.4 102.5 190.3

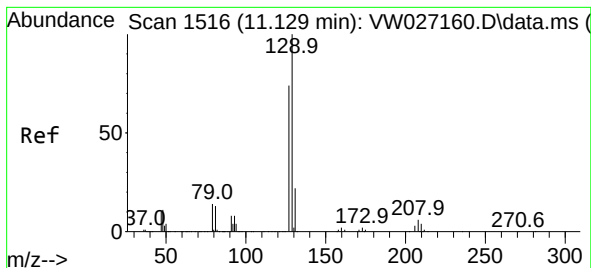


#48
2-Hexanone
Concen: 75.103 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21



Tgt Ion: 43 Resp: 183968
Ion Ratio Lower Upper
43 100
58 50.7 51.4 77.0#
57 17.7 17.2 25.8
100 10.6 12.2 18.2#





#49

Dibromochloromethane

Concen: 26.250 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

Instrument :

MSVOA_W

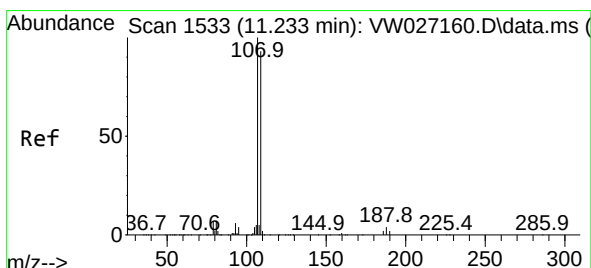
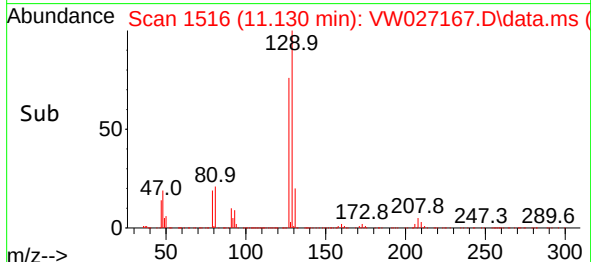
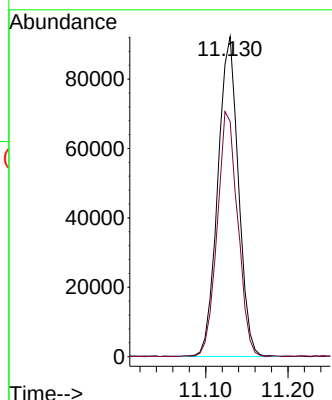
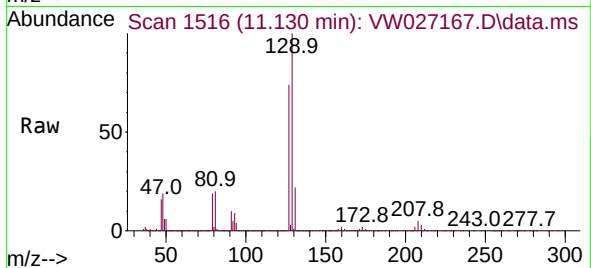
ClientSampleId :

Tgt Ion:129 Resp: 160087

Ion Ratio Lower Upper

129 100

127 73.6 51.9 96.5



#50

1,2-Dibromoethane

Concen: 27.028 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

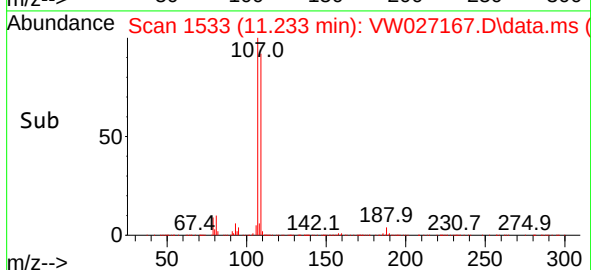
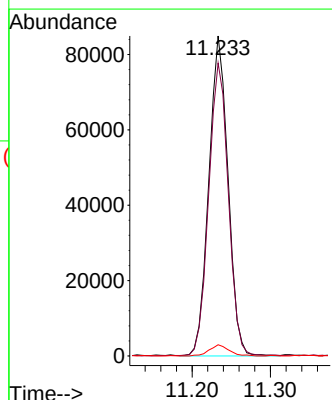
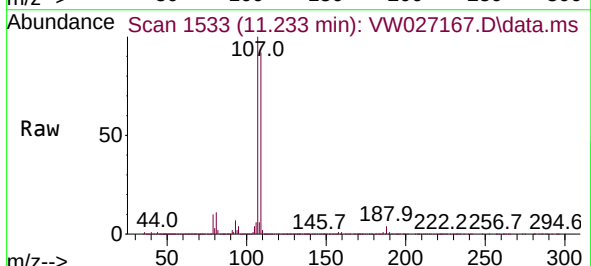
Tgt Ion:107 Resp: 144551

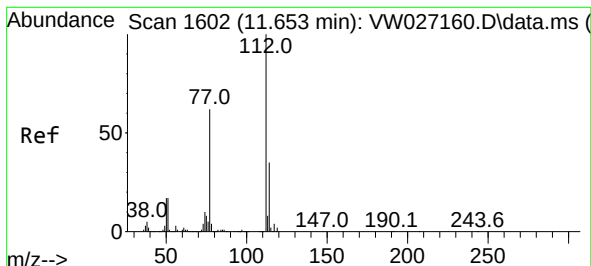
Ion Ratio Lower Upper

107 100

109 91.6 63.3 117.5

188 3.5 3.1 4.7





#51

Chlorobenzene

Concen: 26.263 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

Instrument :

MSVOA_W

ClientSampleId :

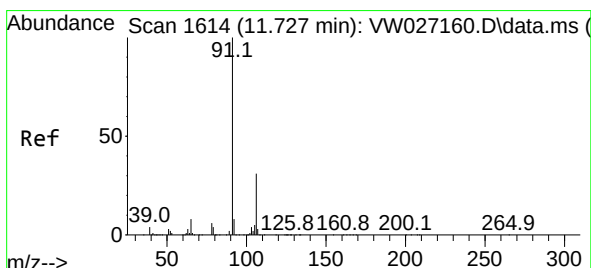
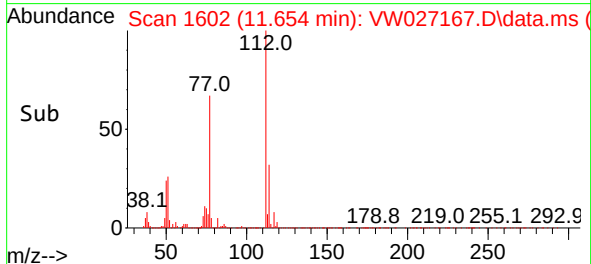
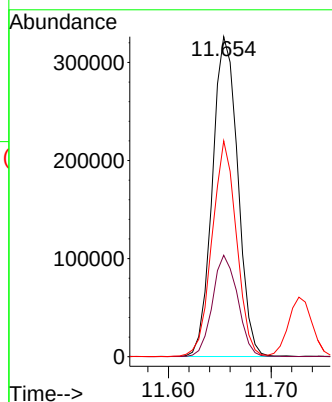
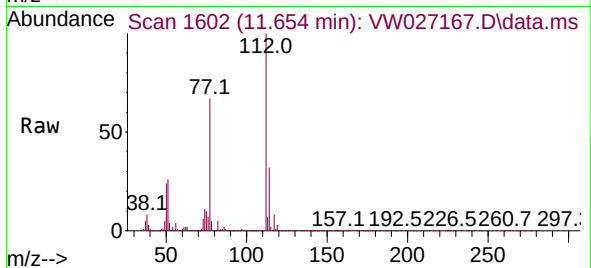
Tgt Ion:112 Resp: 558548

Ion Ratio Lower Upper

112 100

114 31.7 19.7 36.7

77 67.4 44.5 66.7#



#52

Ethylbenzene

Concen: 29.410 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW027167.D

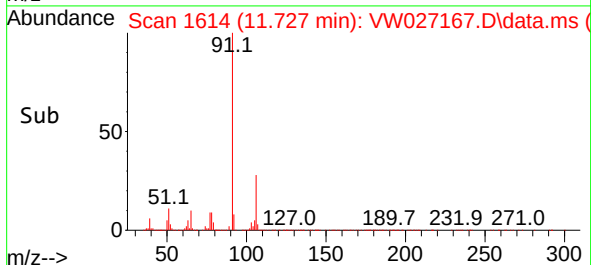
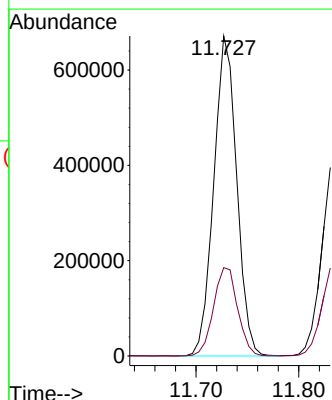
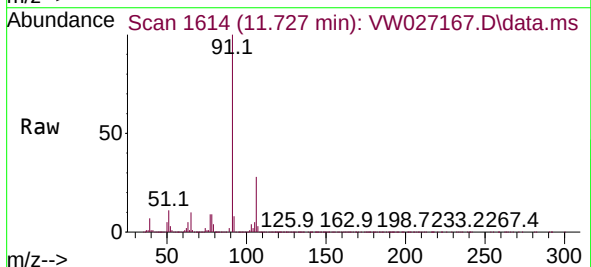
Acq: 21 Sep 2023 17:21

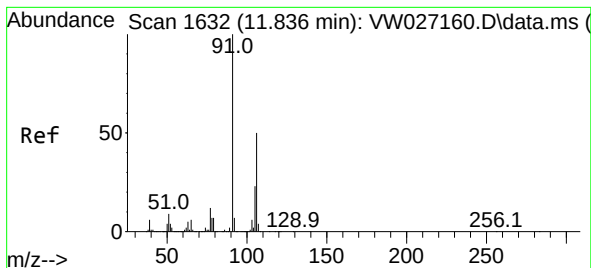
Tgt Ion: 91 Resp: 1039497

Ion Ratio Lower Upper

91 100

106 27.6 21.8 40.4

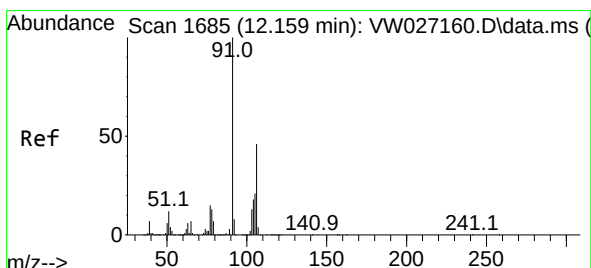
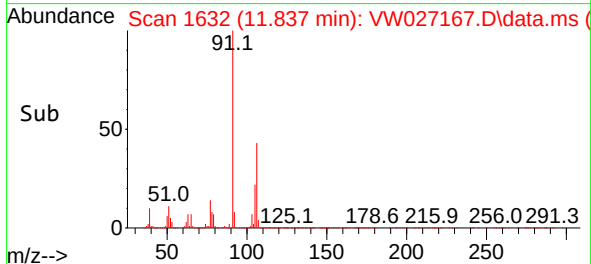
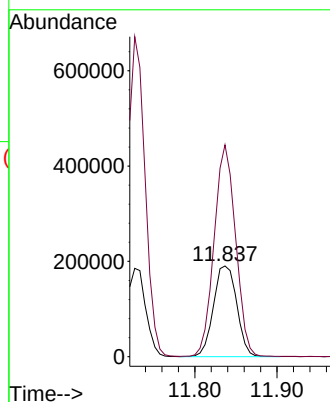
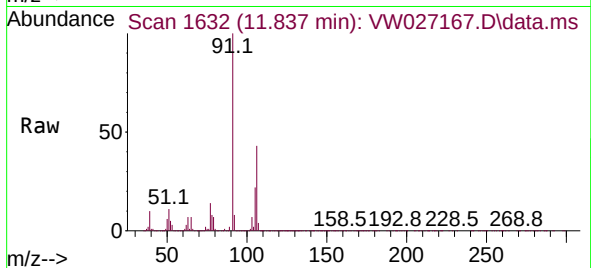




#53
m,p-Xylene
Concen: 27.660 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

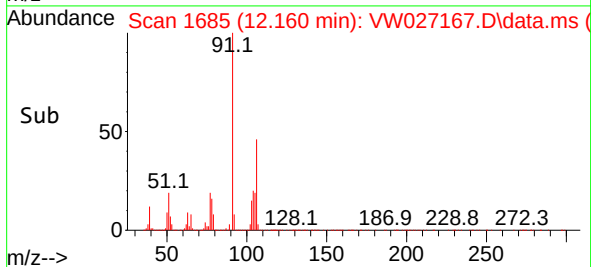
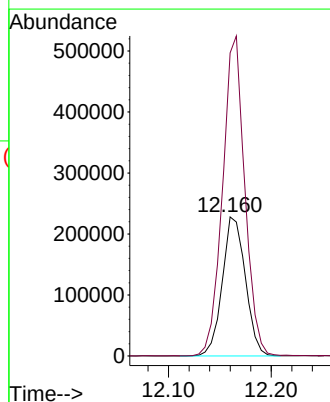
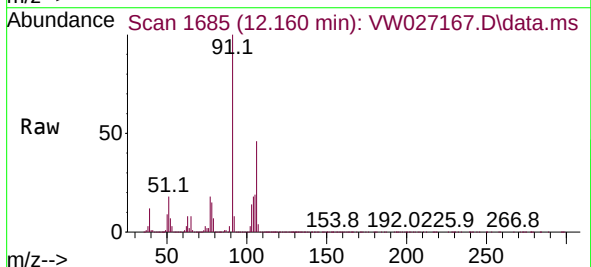
Instrument :
MSVOA_W
ClientSampleId :

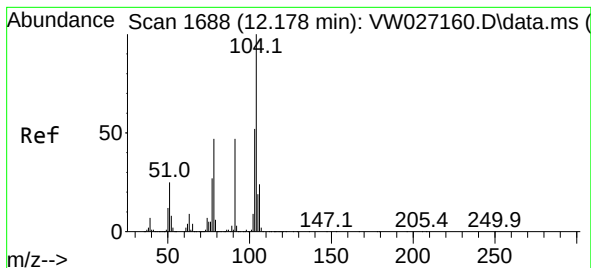
Tgt Ion:106 Resp: 374926
Ion Ratio Lower Upper
106 100
91 233.4 142.7 265.1



#54
o-Xylene
Concen: 27.506 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

Tgt Ion:106 Resp: 355177
Ion Ratio Lower Upper
106 100
91 217.9 140.6 261.0





#55

Styrene

Concen: 28.130 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

Instrument :

MSVOA_W

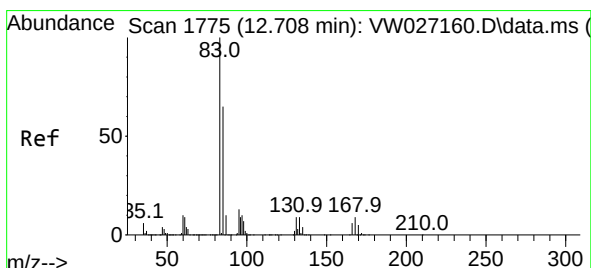
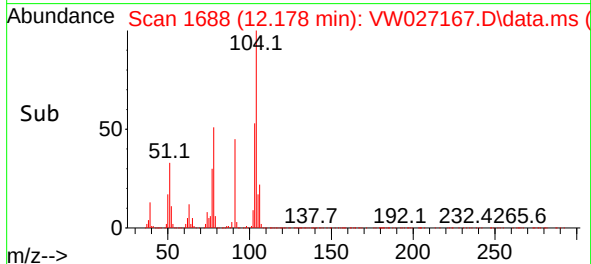
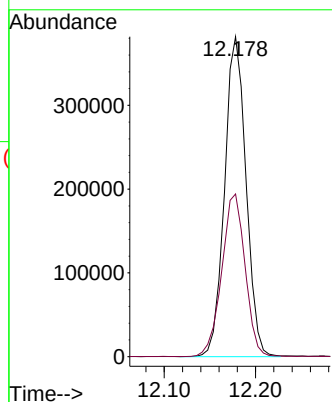
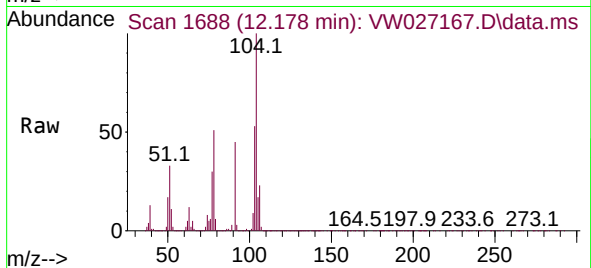
ClientSampleId :

Tgt Ion:104 Resp: 622394

Ion Ratio Lower Upper

104 100

78 50.8 30.2 56.0



#57

1,1,2,2-Tetrachloroethane

Concen: 29.888 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

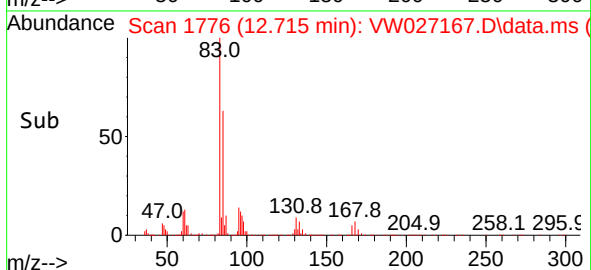
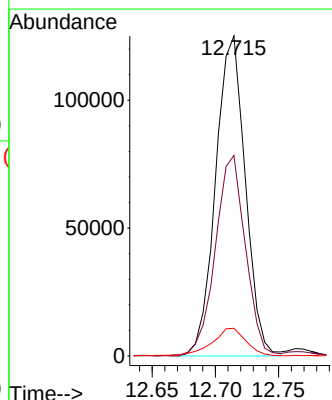
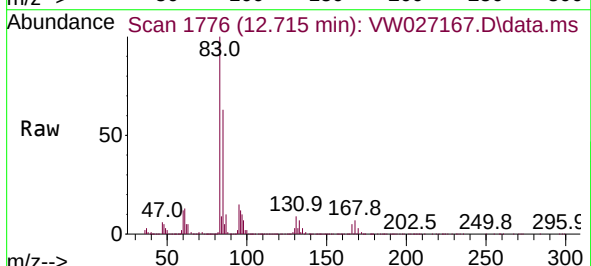
Tgt Ion: 83 Resp: 204069

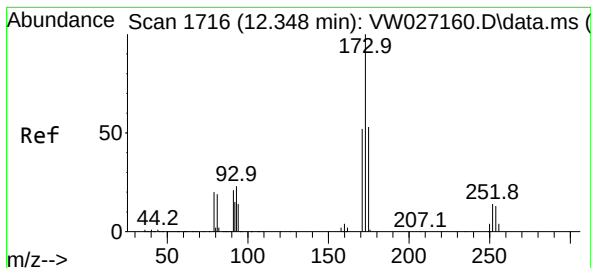
Ion Ratio Lower Upper

83 100

85 62.6 42.5 78.9

131 8.7 7.8 11.8





#59

Bromoform

Concen: 24.180 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

Instrument :

MSVOA_W

ClientSampleId :

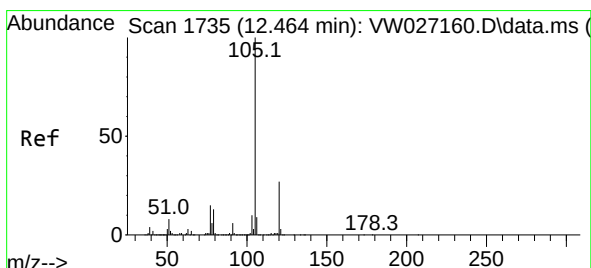
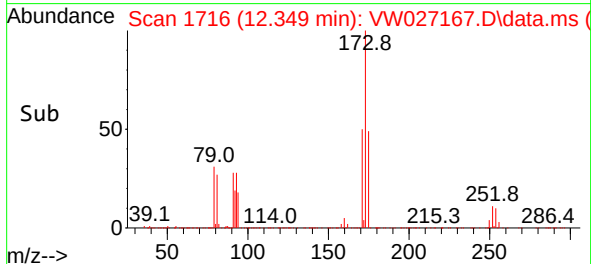
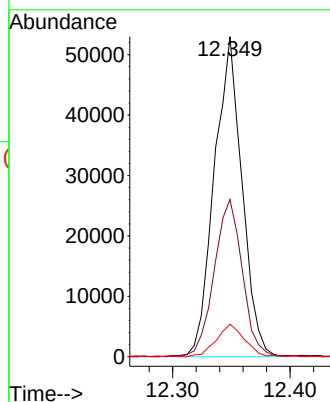
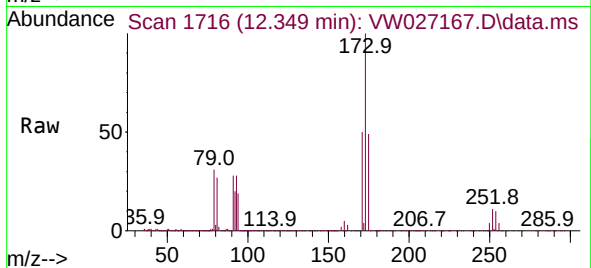
Tgt Ion:173 Resp: 86747

Ion Ratio Lower Upper

173 100

175 49.9 36.6 55.0

254 10.3 10.0 15.0



#60

Isopropylbenzene

Concen: 29.646 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

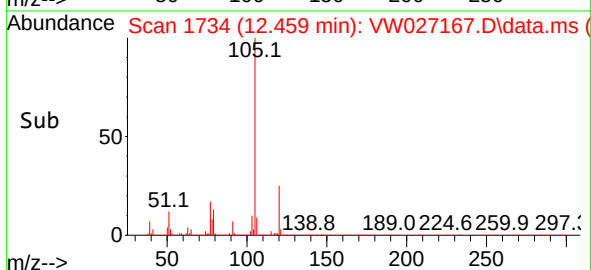
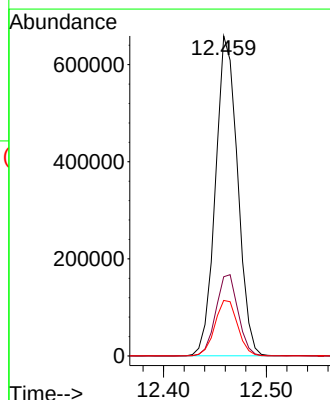
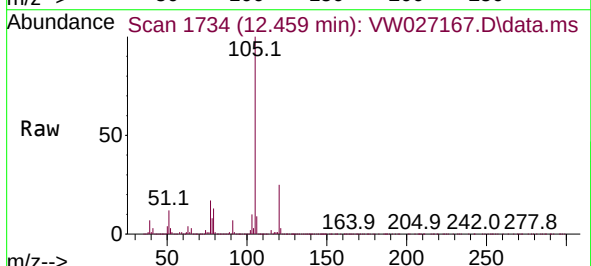
Tgt Ion:105 Resp: 983595

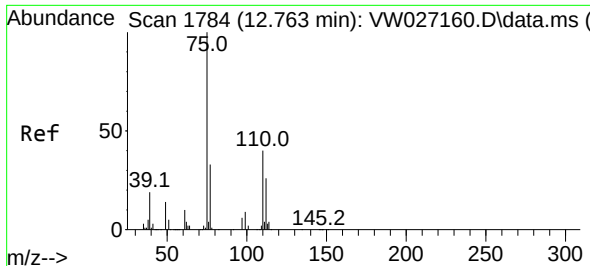
Ion Ratio Lower Upper

105 100

120 25.6 21.0 31.4

77 17.9 12.0 18.0

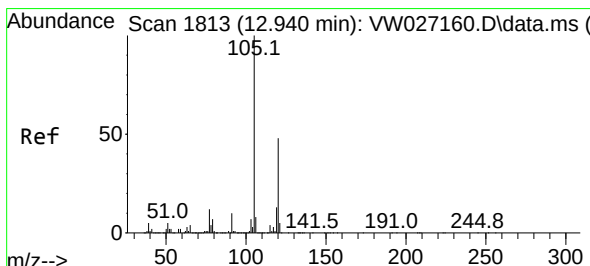
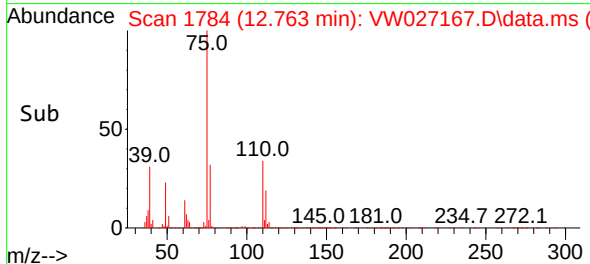
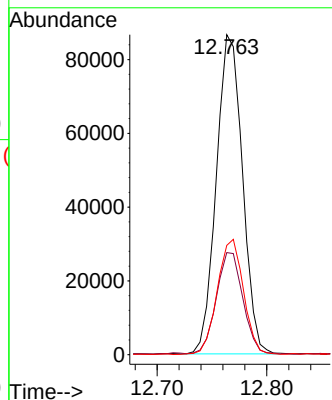
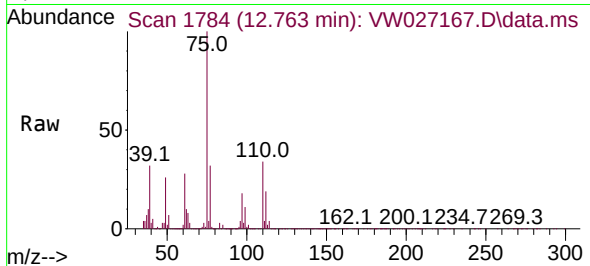




#61
1,2,3-Trichloropropane
Concen: 31.068 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

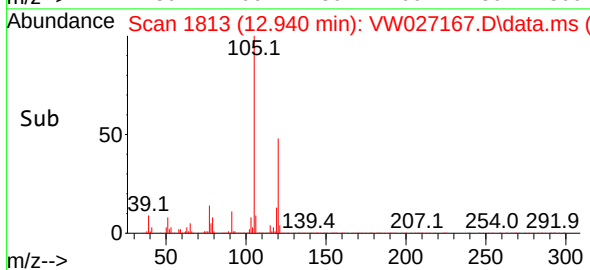
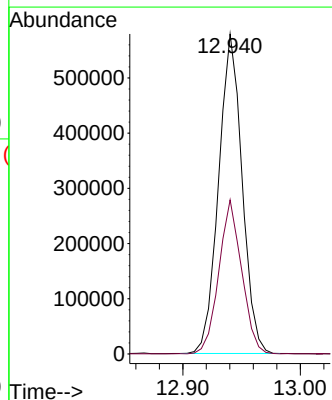
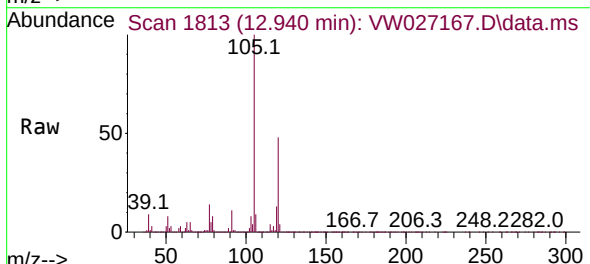
Instrument :
MSVOA_W
ClientSampleId :

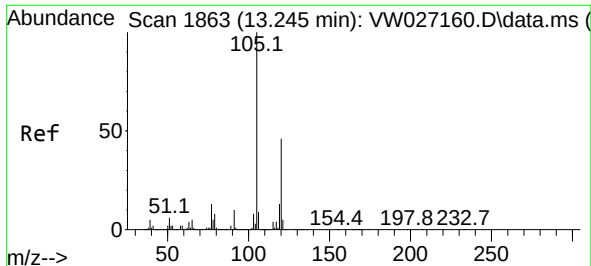
Tgt Ion: 75 Resp: 143492
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 36.0 31.6 47.4



#62
1,3,5-Trimethylbenzene
Concen: 30.298 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

Tgt Ion: 105 Resp: 804472
Ion Ratio Lower Upper
105 100
120 46.7 40.5 60.7

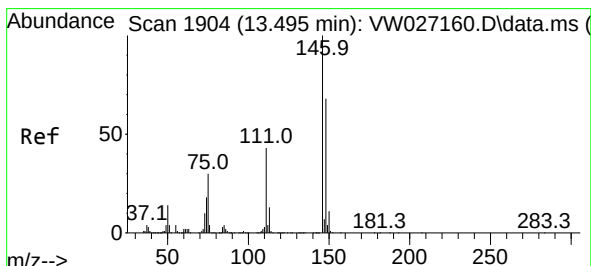
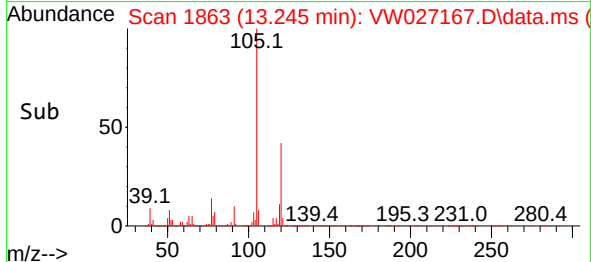
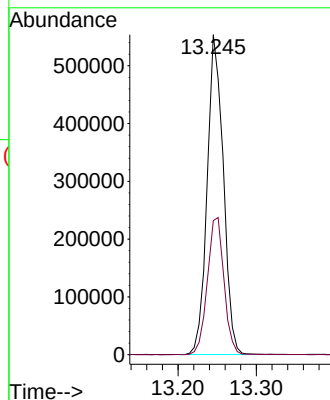
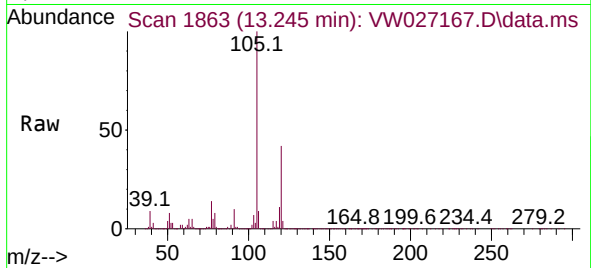




#63
1,2,4-Trimethylbenzene
Concen: 30.720 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

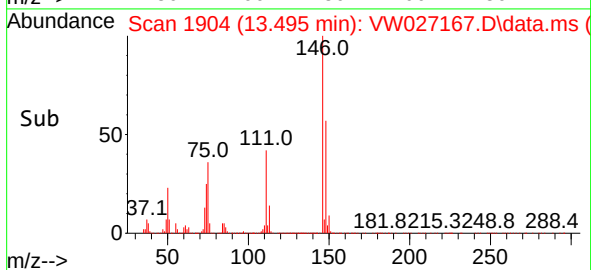
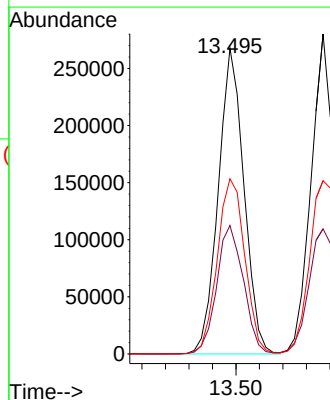
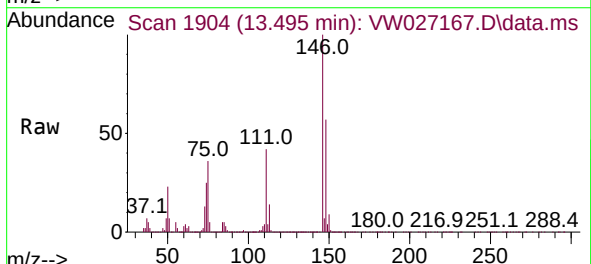
Instrument :
MSVOA_W
ClientSampleId :

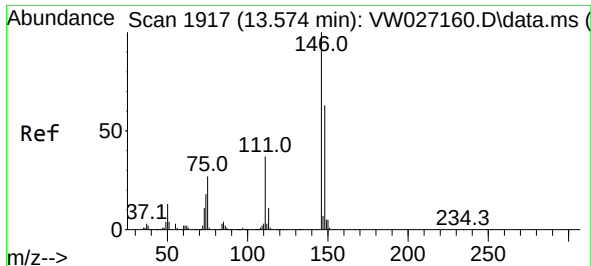
Tgt Ion:105 Resp: 790319
Ion Ratio Lower Upper
105 100
120 44.0 36.2 54.2



#64
1,3-Dichlorobenzene
Concen: 25.923 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

Tgt Ion:146 Resp: 406716
Ion Ratio Lower Upper
146 100
111 42.0 27.6 51.4
148 57.3 46.0 85.4

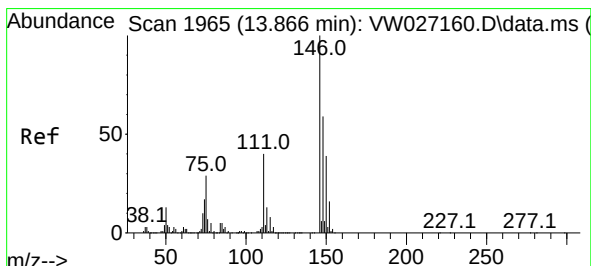
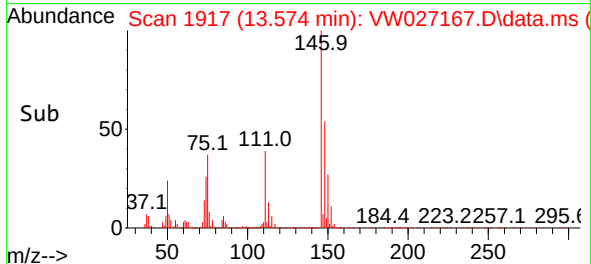
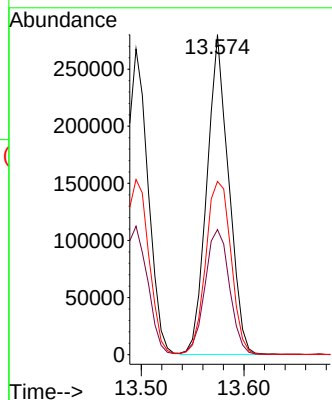
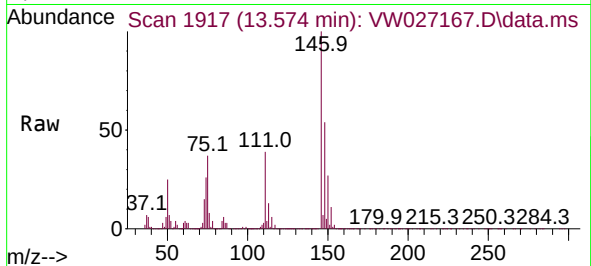




#65
1,4-Dichlorobenzene
Concen: 25.367 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

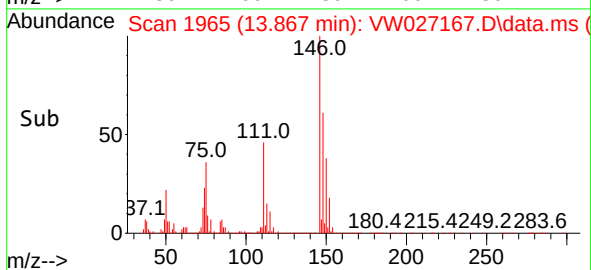
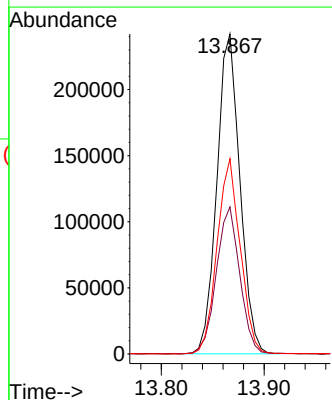
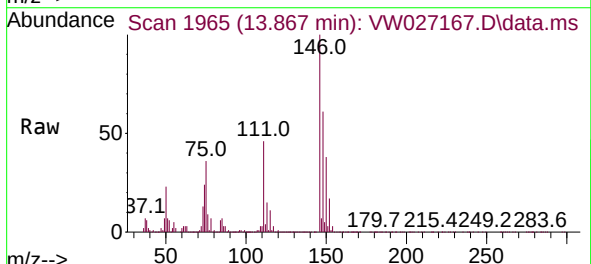
Instrument :
MSVOA_W
ClientSampleId :

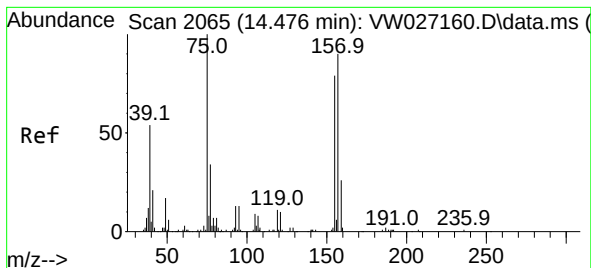
Tgt Ion:146 Resp: 413640
Ion Ratio Lower Upper
146 100
111 39.1 28.1 52.1
148 54.1 43.2 80.2



#67
1,2-Dichlorobenzene
Concen: 26.266 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

Tgt Ion:146 Resp: 376657
Ion Ratio Lower Upper
146 100
111 46.0 32.2 48.2
148 61.0 51.2 76.8

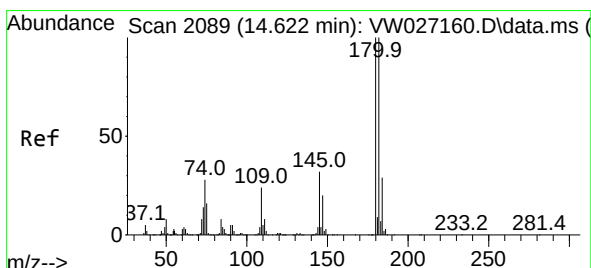
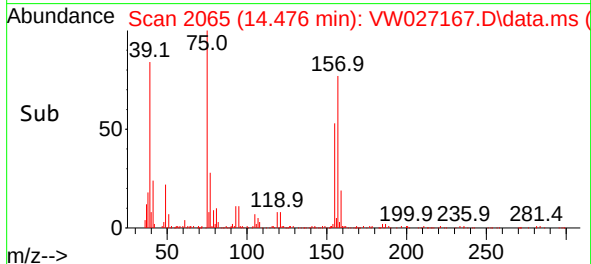
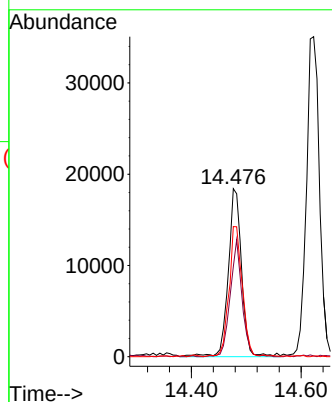
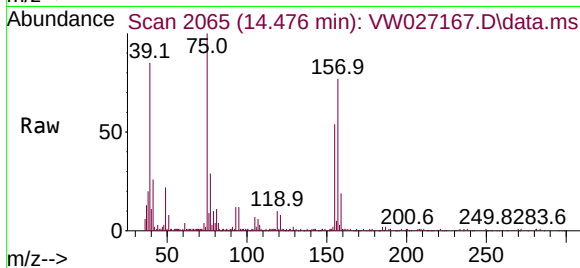




#68
1,2-Dibromo-3-chloropropane
Concen: 30.668 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

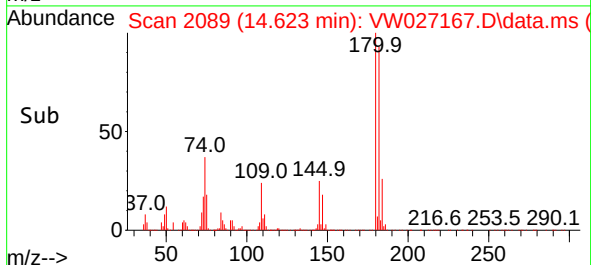
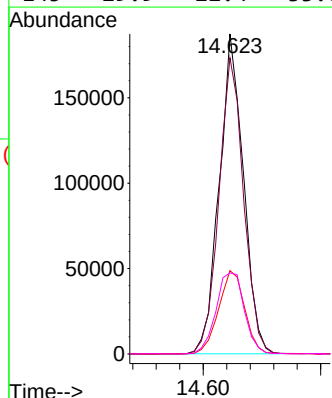
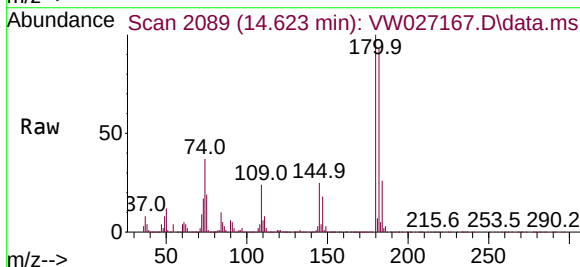
Instrument :
MSVOA_W
ClientSampleId :

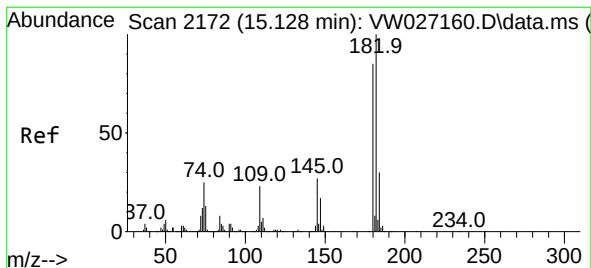
Tgt Ion: 75 Resp: 31367
Ion Ratio Lower Upper
75 100
155 53.5 58.7 88.1#
157 77.4 95.9 143.9#



#69
1,3,5-Trichlorobenzene
Concen: 23.669 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW027167.D
Acq: 21 Sep 2023 17:21

Tgt Ion:180 Resp: 267315
Ion Ratio Lower Upper
180 100
182 94.7 76.6 115.0
184 28.1 23.8 35.8
145 29.9 22.4 33.6





#70

1,2,4-trichlorobenzene

Concen: 23.403 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

Instrument :

MSVOA_W

ClientSampleId :

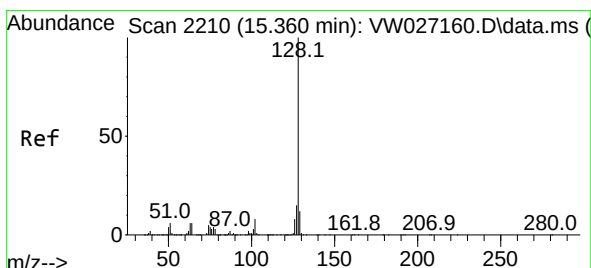
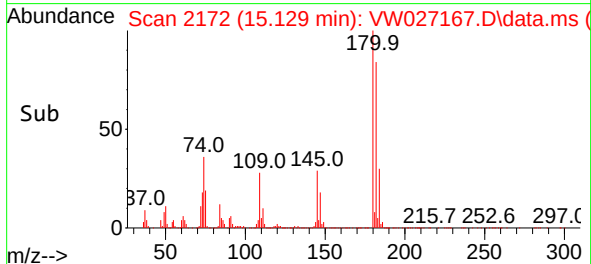
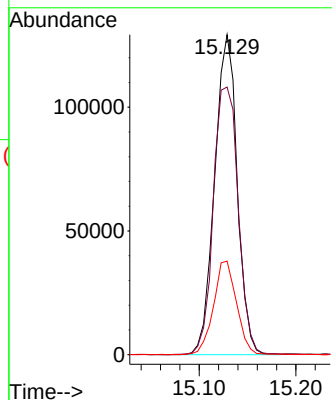
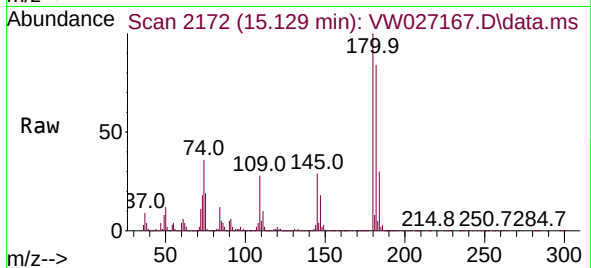
Tgt Ion:180 Resp: 209477

Ion Ratio Lower Upper

180 100

182 92.2 78.2 117.4

145 30.0 24.6 36.8



#71

Naphthalene

Concen: 24.690 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027167.D

Acq: 21 Sep 2023 17:21

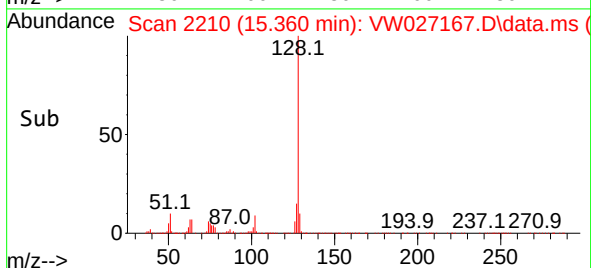
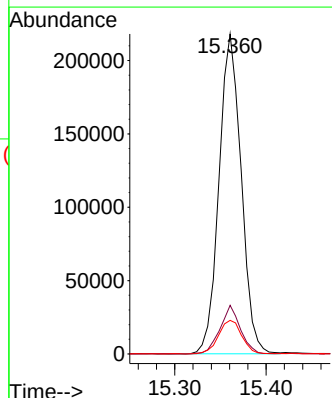
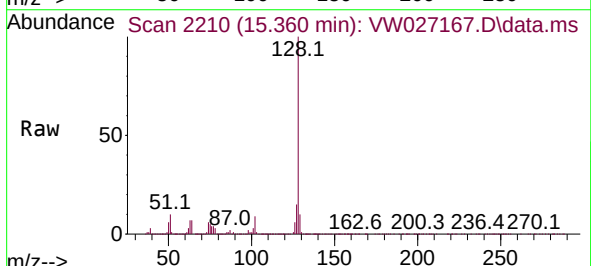
Tgt Ion:128 Resp: 367629

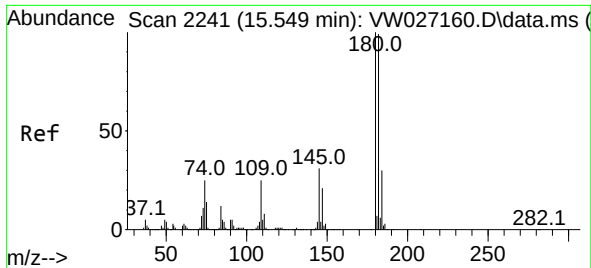
Ion Ratio Lower Upper

128 100

127 14.1 10.7 16.1

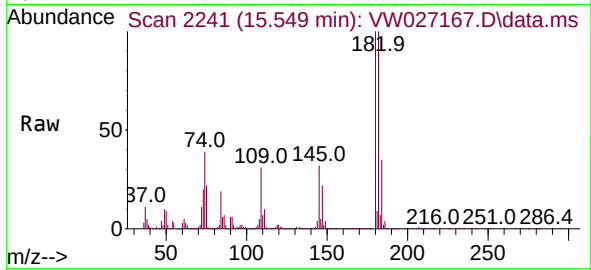
129 11.1 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 23.080 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027167.D
 Acq: 21 Sep 2023 17:21

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	186497
Ion	Ratio	Lower	Upper
180	100		
182	96.1	79.0	118.6
145	34.5	25.4	38.2

